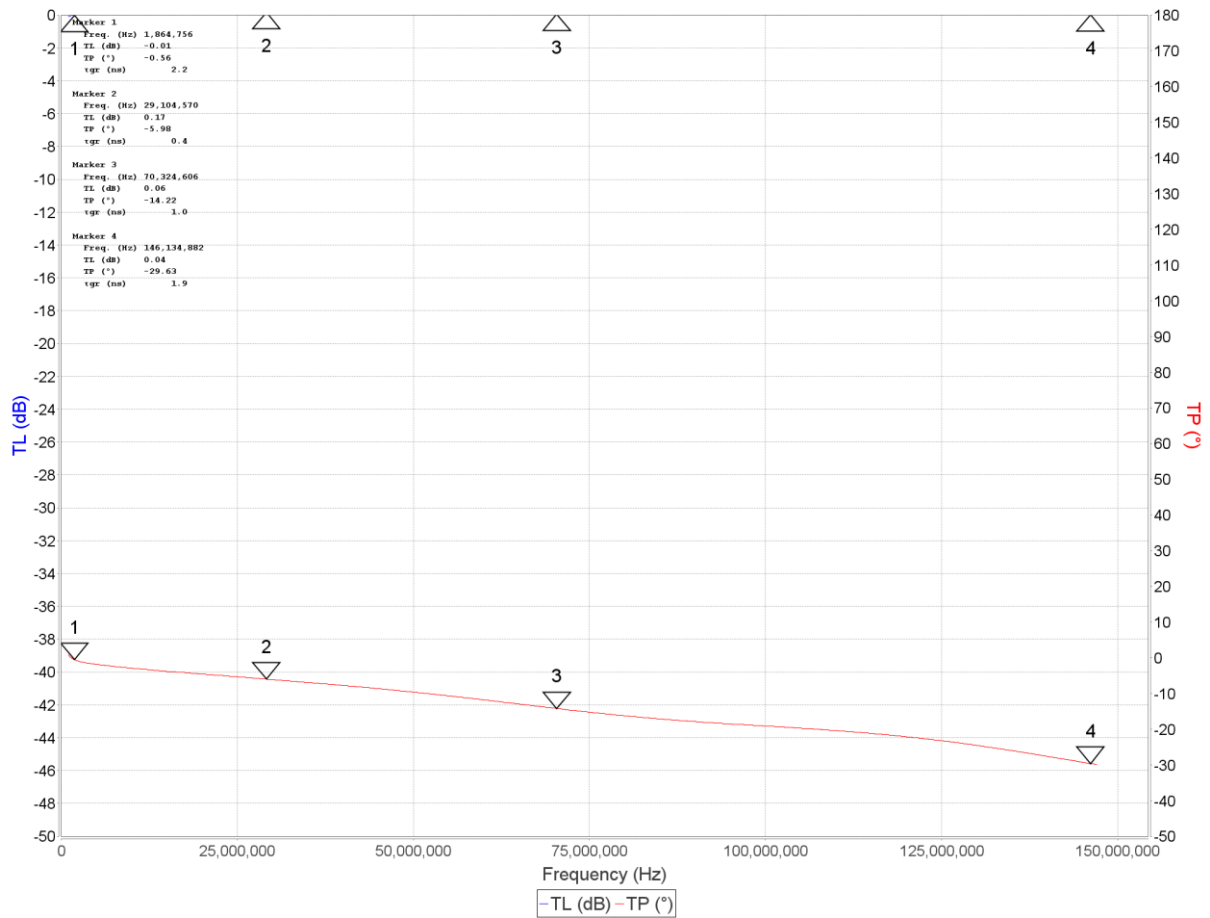
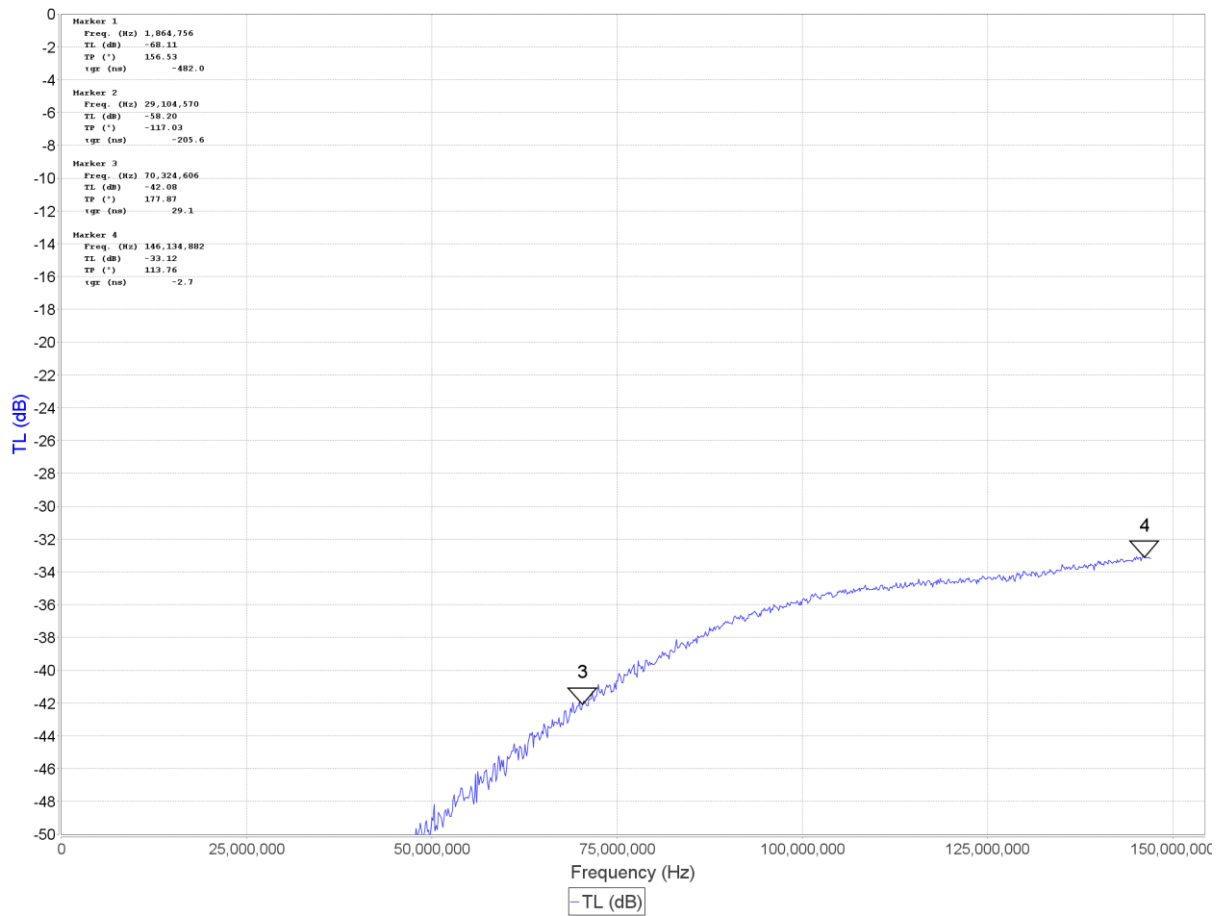


ASW 4*4-way remote controlled antenna switch***Product features:**

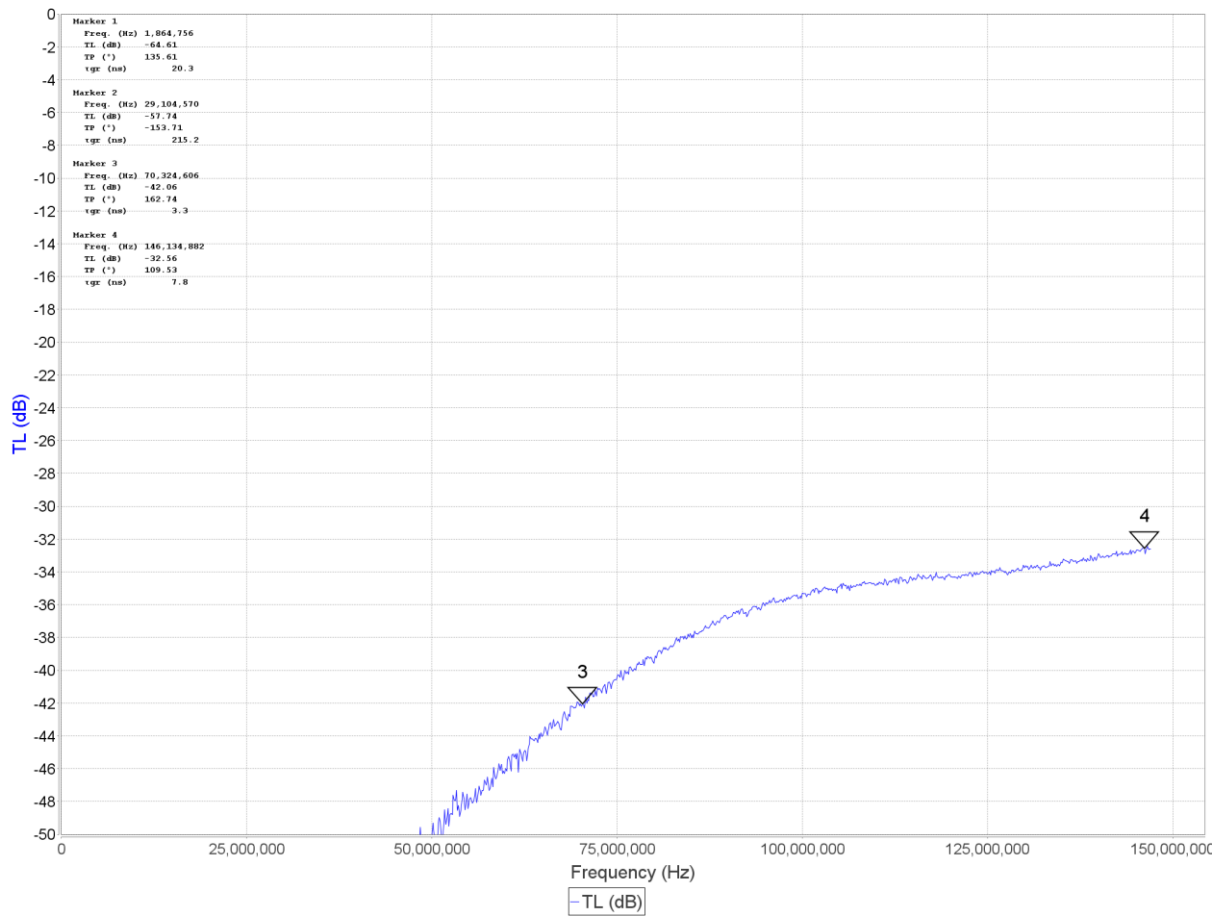
Frequency range:	DC up to 146 MHz
Number of ports:	4
Port type:	PL-259 (with Teflon insulator and gold plated center)
Indoor unit dimensions:	155x100x65 mm
Indoor unit weight:	0.5 kg
Outdoor unit dimensions:	125x125x56 mm
Outdoor unit weight:	0.7 kg
Outdoor unit max. mounting diameter:	50 mm
Outdoor unit cover material:	Sintered steel
Outdoor unit connector holder plate:	Sintered aluminium
Package weight:	1.6 kg
Package includes:	Indoor unit Outdoor unit AC power cable (2 m) Galvanized mounting brackets Block terminal connectors (2 pcs)

Diagrams:**Insertion loss:**

Marker	Freq. (Hz)	TL (dB)	TP (°)	Z (Ω)	Rs (Ω)	Xs (Ω)	Theta	gr (ns)
1	1,864,756	-0.01	-0.56	0.0	0.0	0.0	0.0	2.2
2	29,104,570	0.17	-5.98	0.0	0.0	0.0	0.0	0.4
1-2	27,239,814	0.18	5.41	0.0	0.0	0.0	0.0	---
3	70,324,606	0.06	-14.22	0.0	0.0	0.0	0.0	1.0
4	146,134,882	0.04	-29.63	0.0	0.0	0.0	0.0	1.9

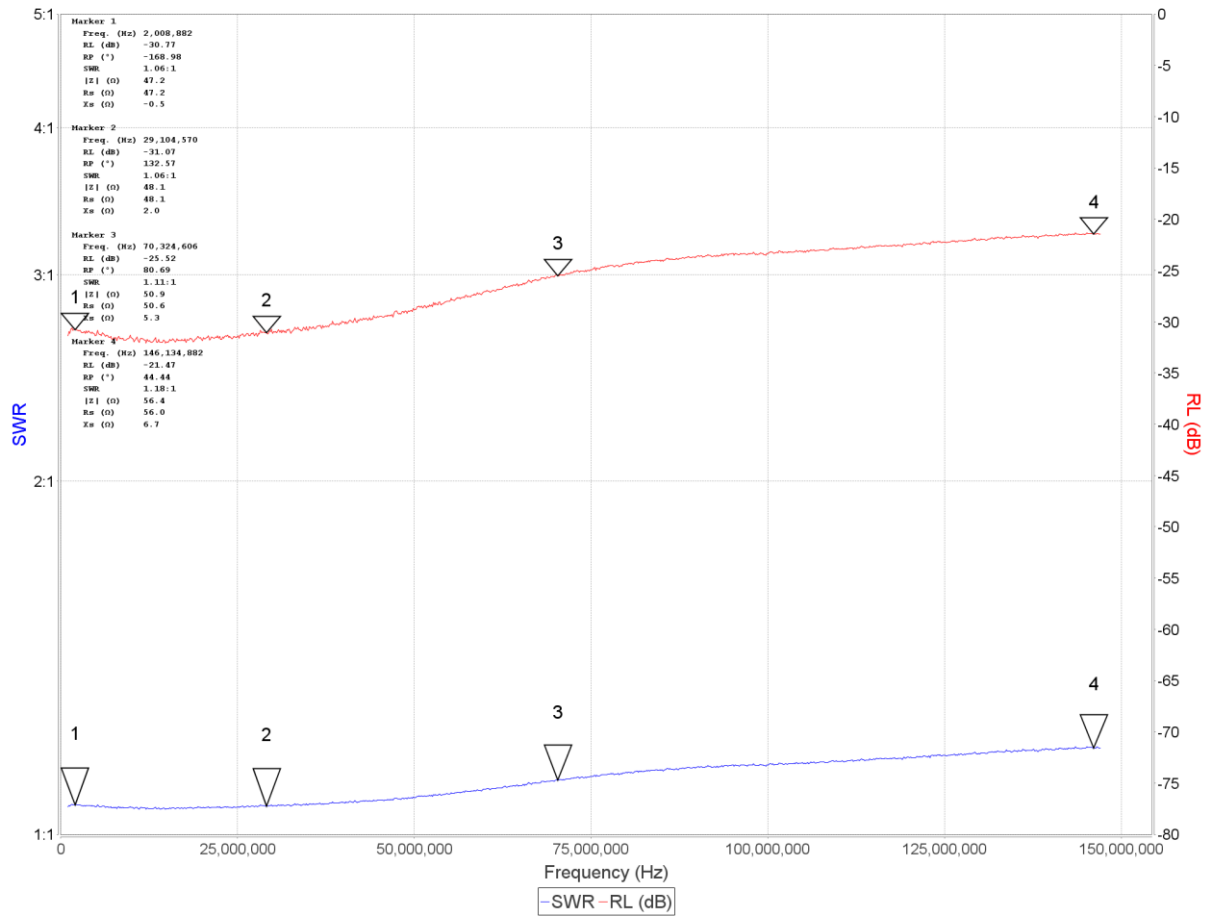
Isolation of 2 not neighboring channels 1-146 MHz:

Marker	Freq. (Hz)	TL (dB)	TP (°)	Z (Ω)	Rs (Ω)	Xs (Ω)	Theta	gr (ns)
1	1,864,756	-68.11	156.53	0.0	0.0	0.0	0.0	-482.0
2	29,104,570	-58.20	-117.03	0.0	0.0	0.0	0.0	-205.6
1-2	27,239,814	9.91	273.56	0.0	0.0	0.0	0.0	---
3	70,324,606	-42.08	177.87	0.0	0.0	0.0	0.0	29.1
4	146,134,882	-33.12	113.76	0.0	0.0	0.0	0.0	-2.7

Isolation of 2 neighboring channels 1-146 MHz:

Marker	Freq. (Hz)	TL (dB)	TP (°)	Z (Ω)	Rs (Ω)	Xs (Ω)	Theta	gr (ns)
1	1,864,756	-64.61	135.61	0.0	0.0	0.0	0.0	20.3
2	29,104,570	-57.74	-153.71	0.0	0.0	0.0	0.0	215.2
1-2	27,239,814	6.87	289.32	0.0	0.0	0.0	0.0	---
3	70,324,606	-42.06	162.74	0.0	0.0	0.0	0.0	3.3
4	146,134,882	-32.56	109.53	0.0	0.0	0.0	0.0	7.8

SWR 1-146 MHz:



Marker	Freq. (Hz)	RL (dB)	RP (°)	Z ()	Rs ()	Xs ()	Theta	SWR
1	2,008,882	-30.77	-168.98	47.2	47.2	-0.5	-0.6	1.06:1
2	29,104,570	-31.07	132.57	48.1	48.1	2.0	2.4	1.06:1
1-2	27,095,688	0.30	301.54	0.9	0.9	2.5	0.0	---
3	70,324,606	-25.52	80.69	50.9	50.6	5.3	6.0	1.11:1
4	146,134,882	-21.47	44.44	56.4	56.0	6.7	6.8	1.18:1