

BW	MCS Index	RB Size	RB Offset	Low CH 633300	Mid CH 633334	High CH 633666
				Frequency 3495MHz	Frequency 3500.01MHz	Frequency 3504.99MHz
90M	CP-OFDM QPSK	1	1	22.64	22.49	22.52

BW	MCS Index	RB Size	RB Offset	/	Mid CH 633334	/
				/	Frequency 3500.01MHz	/
100M	CP-OFDM QPSK	1	1	/	22.12	/

BW	MCS Index	RB Size	RB Offset	Low CH 630668	Mid CH 633334	High CH 636000
				Frequency 3460.02MHz	Frequency 3500.01MHz	Frequency 3540MHz
20M	DFT-s-OFDM QPSK	1	1	22.55	22.63	22.48

BW	MCS Index	RB Size	RB Offset	Low CH 631002	Mid CH 633334	High CH 635664
				Frequency 3465.03MHz	Frequency 3500.01MHz	Frequency 3534.96MHz
30M	DFT-s-OFDM QPSK	1	1	22.51	22.52	22.59

BW	MCS Index	RB Size	RB Offset	Low CH 631334	Mid CH 633334	High CH 635332
				Frequency 3470.01MHz	Frequency 3500.01MHz	Frequency 3529.98MHz
40M	DFT-s-OFDM QPSK	1	1	22.61	22.57	22.58

BW	MCS Index	RB Size	RB Offset	Low CH 631668	Mid CH 633334	High CH 634998
				Frequency 3475.02MHz	Frequency 3500.01MHz	Frequency 3524.97MHz
50M	DFT-s-OFDM QPSK	1	1	22.40	22.50	22.53

BW	MCS Index	RB Size	RB Offset	Low CH 632000	Mid CH 633334	High CH 634666
				Frequency 3480MHz	Frequency 3500.01MHz	Frequency 3519.99MHz
60M	DFT-s-OFDM QPSK	1	1	22.44	22.46	22.58

BW	MCS Index	RB Size	RB Offset	Low CH 632668	Mid CH 633334	High CH 634000
				Frequency 3490.02MHz	Frequency 3500.01MHz	Frequency 3510MHz
80M	DFT-s-OFDM QPSK	1	1	22.39	22.37	22.45

BW	MCS Index	RB Size	RB Offset	Low CH 633300	Mid CH 633334	High CH 633666
				Frequency 3495MHz	Frequency 3500.01MHz	Frequency 3504.99MHz
90M	DFT-s-OFDM QPSK	1	1	22.59	22.49	22.50

BW	MCS Index	RB Size	RB Offset	/	Mid CH 633334	/
				/	Frequency 3500.01MHz	/
100M	DFT-s-OFDM Pi/2 BPSK	1	1	/	22.54	/
		1	137	/	22.59	/
		1	271	/	22.60	/
		135	0	/	22.57	/
		135	69	/	22.60	/
		135	138	/	22.58	/
		270	0	/	22.59	/
	DFT-s-OFDM QPSK	1	1	/	22.61	/
		1	137	/	22.54	/
		1	271	/	22.59	/
		135	0	/	22.60	/
		135	69	/	22.57	/
		135	138	/	22.53	/
		270	0	/	22.57	/
	DFT-s-OFDM 16QAM	1	1	/	22.58	/
	DFT-s-OFDM 64QAM	1	1	/	20.84	/
	DFT-s-OFDM 256QAM	1	1	/	19.72	/



**BUREAU
VERITAS**

Test Report No.: PSU-QSU2306260109R10

DC_66A-n78A(Part 270)

BW	MCS Index	RB Size	RB Offset	Low CH 647334	Mid CH 650000	High CH 652666
				Frequency 3710.01MHz	Frequency 3750MHz	Frequency 3789.99MHz
20M	CP-OFDM QPSK	1	1	22.20	22.06	21.95

BW	MCS Index	RB Size	RB Offset	Low CH 647670	Mid CH 650000	High CH 652332
				Frequency 3715.05MHz	Frequency 3750MHz	Frequency 3784.98MHz
30M	CP-OFDM QPSK	1	1	22.10	22.18	22.26

BW	MCS Index	RB Size	RB Offset	Low CH 648000	Mid CH 650000	High CH 652000
				Frequency 3720MHz	Frequency 3750MHz	Frequency 3780MHz
40M	CP-OFDM QPSK	1	1	22.02	22.14	21.89

BW	MCS Index	RB Size	RB Offset	Low CH 648334	Mid CH 650000	High CH 651666
				Frequency 3725.01MHz	Frequency 3750MHz	Frequency 3774.99MHz
50M	CP-OFDM QPSK	1	1	21.62	21.64	21.63

BW	MCS Index	RB Size	RB Offset	Low CH 648668	Mid CH 650000	High CH 651332
				Frequency 3730.02MHz	Frequency 3750MHz	Frequency 3769.98MHz
60M	CP-OFDM QPSK	1	1	21.52	21.66	21.51

BW	MCS Index	RB Size	RB Offset	Low CH 649334	Mid CH 650000	High CH 650666
				Frequency 3740.01MHz	Frequency 3750MHz	Frequency 3759.99MHz
80M	CP-OFDM QPSK	1	1	21.56	21.67	21.60

BW	MCS Index	RB Size	RB Offset	Low CH 649668	Mid CH 650000	High CH 650332
				Frequency 3745.02MHz	Frequency 3750MHz	Frequency 3754.98MHz
90M	CP-OFDM QPSK	1	1	21.61	21.71	21.64

BW	MCS Index	RB Size	RB Offset	/	Mid CH 650000	/
				/	Frequency 3750MHz	/
100M	CP-OFDM QPSK	1	1	/	21.60	/

BW	MCS Index	RB Size	RB Offset	Low CH 647334	Mid CH 650000	High CH 652666
				Frequency 3710.01MHz	Frequency 3750MHz	Frequency 3789.99MHz
20M	DFT-s-OFDM QPSK	1	1	22.83	22.94	23.04

BW	MCS Index	RB Size	RB Offset	Low CH 647670	Mid CH 650000	High CH 652332
				Frequency 3715.05MHz	Frequency 3750MHz	Frequency 3784.98MHz
30M	DFT-s-OFDM QPSK	1	1	22.73	22.99	23.19

BW	MCS Index	RB Size	RB Offset	Low CH 648000	Mid CH 650000	High CH 652000
				Frequency 3720MHz	Frequency 3750MHz	Frequency 3780MHz
40M	DFT-s-OFDM QPSK	1	1	22.84	23.00	23.01

BW	MCS Index	RB Size	RB Offset	Low CH 648334	Mid CH 650000	High CH 651666
				Frequency 3725.01MHz	Frequency 3750MHz	Frequency 3774.99MHz
50M	DFT-s-OFDM QPSK	1	1	22.75	22.88	22.97

BW	MCS Index	RB Size	RB Offset	Low CH 648668	Mid CH 650000	High CH 651332
				Frequency 3730.02MHz	Frequency 3750MHz	Frequency 3769.98MHz
60M	DFT-s-OFDM QPSK	1	1	22.71	22.74	22.89

BW	MCS Index	RB Size	RB Offset	Low CH 649334	Mid CH 650000	High CH 650666
				Frequency 3740.01MHz	Frequency 3750MHz	Frequency 3759.99MHz
80M	DFT-s-OFDM QPSK	1	1	22.76	22.77	22.70

BW	MCS Index	RB Size	RB Offset	Low CH 649668	Mid CH 650000	High CH 650332
				Frequency 3745.02MHz	Frequency 3750MHz	Frequency 3754.98MHz
90M	DFT-s-OFDM QPSK	1	1	22.81	22.83	22.82

BW	MCS Index	RB Size	RB Offset	/	Mid CH 650000	/
				/	Frequency 3750MHz	/
100M	DFT-s-OFDM Pi/2 BPSK	1	1	/	22.79	/
		1	137	/	22.85	/
		1	271	/	23.02	/
		135	0	/	22.81	/
		135	69	/	22.86	/
		135	138	/	22.73	/
		270	0	/	22.53	/
	DFT-s-OFDM QPSK	1	1	/	23.03	/
		1	137	/	22.84	/
		1	271	/	22.99	/
		135	0	/	22.83	/
		135	69	/	22.93	/
		135	138	/	22.75	/
		270	0	/	22.54	/
	DFT-s-OFDM 16QAM	1	1	/	22.08	/
	DFT-s-OFDM 64QAM	1	1	/	20.25	/
	DFT-s-OFDM 256QAM	1	1	/	19.44	/

EIRP

N2

CHANNEL BANDWIDTH: 5MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
370500	1852.5	22.27	2.52	24.79	301.3	2
376000	1880	22.35	2.52	24.87	306.9	2
381500	1907.5	22.32	2.52	24.84	304.79	2

CHANNEL BANDWIDTH: 10MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
371000	1855	22.23	2.52	24.75	298.54	2
376000	1880	22.41	2.52	24.93	311.17	2
381000	1905	22.45	2.52	24.97	314.05	2

CHANNEL BANDWIDTH: 15MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _c (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
371500	1857.5	22.27	2.52	24.79	301.3	2
376000	1880	22.37	2.52	24.89	308.32	2
380500	1902.5	22.31	2.52	24.83	304.09	2

CHANNEL BANDWIDTH: 20MHz Pi/2 BPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
372000	1860	22.45	2.52	24.97	314.05	2
376000	1880	22.41	2.52	24.93	311.17	2
380000	1900	22.45	2.52	24.97	314.05	2

CHANNEL BANDWIDTH: 20MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
372000	1860	22.46	2.52	24.98	314.77	2
376000	1880	22.47	2.52	24.99	315.5	2
380000	1900	22.44	2.52	24.96	313.33	2

CHANNEL BANDWIDTH: 20MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
372000	1860	21.64	2.52	24.16	260.62	2
376000	1880	21.6	2.52	24.12	258.23	2
380000	1900	21.7	2.52	24.22	264.24	2

CHANNEL BANDWIDTH: 20MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
372000	1860	19.54	2.52	22.06	160.69	2
376000	1880	19.47	2.52	21.99	158.12	2
380000	1900	19.55	2.52	22.07	161.06	2

CHANNEL BANDWIDTH: 20MHz 256QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
372000	1860	17.45	2.52	19.97	99.31	2
376000	1880	17.47	2.52	19.99	99.77	2
380000	1900	17.51	2.52	20.03	100.69	2

REMARKS: EIRP Output Power (dBm) = EIRP (dBm) -2.15(dB).

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CHANNEL BANDWIDTH: 5MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	ERP (dBm)	ERP (mW)	Limit (W)
165300	826.5	22.78	0.27	20.9	123.03	7
167300	836.5	22.75	0.27	20.87	122.18	7
169300	846.5	22.73	0.27	20.85	121.62	7

CHANNEL BANDWIDTH: 10MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	ERP (dBm)	ERP (mW)	Limit (W)
165800	829	22.71	0.27	20.83	121.06	7
167300	836.5	22.68	0.27	20.8	120.23	7
168800	844	22.7	0.27	20.82	120.78	7

CHANNEL BANDWIDTH: 15MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	ERP (dBm)	ERP (mW)	Limit (W)
166300	831.5	22.74	0.27	20.86	121.9	7
167300	836.5	22.76	0.27	20.88	122.46	7
168300	841.5	22.72	0.27	20.84	121.34	7

CHANNEL BANDWIDTH: 20MHz Pi/2 BPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	ERP (dBm)	ERP (mW)	Limit (W)
166800	834	22.25	0.27	20.37	108.89	7
167300	836.5	22.2	0.27	20.32	107.65	7
167800	839	22.22	0.27	20.34	108.14	7

CHANNEL BANDWIDTH: 20MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	ERP (dBm)	ERP (mW)	Limit (W)
166800	834	22.78	0.27	20.9	123.03	7
167300	836.5	22.79	0.27	20.91	123.31	7
167800	839	22.7	0.27	20.82	120.78	7

CHANNEL BANDWIDTH: 20MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	ERP (dBm)	ERP (mW)	Limit (W)
166800	834	21.97	0.27	20.09	102.09	7
167300	836.5	22.04	0.27	20.16	103.75	7
167800	839	22.06	0.27	20.18	104.23	7

CHANNEL BANDWIDTH: 20MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	ERP (dBm)	ERP (mW)	Limit (W)
166800	834	19.84	0.27	17.96	62.52	7
167300	836.5	19.95	0.27	18.07	64.12	7
167800	839	20.03	0.27	18.15	65.31	7

CHANNEL BANDWIDTH: 20MHz 256QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	ERP (dBm)	ERP (mW)	Limit (W)
166800	834	17.86	0.27	15.98	39.63	7
167300	836.5	17.87	0.27	15.99	39.72	7
167800	839	17.89	0.27	16.01	39.9	7

REMARKS: ERP Output Power (dBm) = ERP (dBm) -2.15(dB).

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CHANNEL BANDWIDTH: 5MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
370500	1852.5	22.21	2.52	24.73	297.17	2
376500	1882.5	22.17	2.52	24.69	294.44	2
382500	1912.5	22.28	2.52	24.8	302	2

CHANNEL BANDWIDTH: 10MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
371000	1855	22.28	2.52	24.8	302	2
376500	1882.5	22.23	2.52	24.75	298.54	2
382000	1910	22.37	2.52	24.89	308.32	2

CHANNEL BANDWIDTH: 15MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
371500	1857.5	22.33	2.52	24.85	305.49	2
376500	1882.5	22.24	2.52	24.76	299.23	2
381500	1907.5	22.39	2.52	24.91	309.74	2

CHANNEL BANDWIDTH: 20MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
372000	1860	22.36	2.52	24.88	307.61	2
376500	1882.5	22.31	2.52	24.83	304.09	2
381000	1905	22.41	2.52	24.93	311.17	2

CHANNEL BANDWIDTH: 25MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
372500	1862.5	22.41	2.52	24.93	311.17	2
376500	1882.5	22.36	2.52	24.88	307.61	2
380500	1902.5	22.53	2.52	25.05	319.89	2

CHANNEL BANDWIDTH: 30MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
373000	1865	22.56	2.52	25.08	322.11	2
376500	1882.5	22.45	2.52	24.97	314.05	2
380000	1900	22.55	2.52	25.07	321.37	2

CHANNEL BANDWIDTH: 40MHz Pi/2 BPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
374000	1870	22.63	2.52	25.15	327.34	2
376500	1882.5	22.6	2.52	25.12	325.09	2
379000	1895	22.63	2.52	25.15	327.34	2

CHANNEL BANDWIDTH: 40MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
374000	1870	22.6	2.52	25.12	325.09	2
376500	1882.5	22.5	2.52	25.02	317.69	2
379000	1895	22.67	2.52	25.19	330.37	2

CHANNEL BANDWIDTH: 40MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
374000	1870	21.87	2.52	24.39	274.79	2
376500	1882.5	21.85	2.52	24.37	273.53	2
379000	1895	22.02	2.52	24.54	284.45	2

CHANNEL BANDWIDTH: 40MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
374000	1870	19.74	2.52	22.26	168.27	2
376500	1882.5	19.78	2.52	22.3	169.82	2
379000	1895	19.98	2.52	22.5	177.83	2

CHANNEL BANDWIDTH: 40MHz 256QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
374000	1870	17.75	2.52	20.27	106.41	2
376500	1882.5	17.79	2.52	20.31	107.4	2
379000	1895	17.88	2.52	20.4	109.65	2

REMARKS: ERP Output Power (dBm) = EIRP (dBm) -2.15(dB).

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CHANNEL BANDWIDTH: 5MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
342500	1712.5	22.23	1.92	24.15	260.02	1
349000	1745	22.31	1.92	24.23	264.85	1
355500	1777.5	22.27	1.92	24.19	262.42	1

CHANNEL BANDWIDTH: 10MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
343000	1715	22.19	1.92	24.11	257.63	1
349000	1745	22.21	1.92	24.13	258.82	1
355000	1775	22.18	1.92	24.1	257.04	1

CHANNEL BANDWIDTH: 15MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
343500	1717.5	22.26	1.92	24.18	261.82	1
349000	1745	22.29	1.92	24.21	263.63	1
354500	1772.5	22.05	1.92	23.97	249.46	1

CHANNEL BANDWIDTH: 20MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
344000	1720	22.23	1.92	24.15	260.02	1
349000	1745	22.3	1.92	24.22	264.24	1
354000	1770	22.16	1.92	24.08	255.86	1

CHANNEL BANDWIDTH: 30MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
345000	1725	22.38	1.92	24.3	269.15	1
349000	1745	22.42	1.92	24.34	271.64	1
353000	1765	22.31	1.92	24.23	264.85	1

CHANNEL BANDWIDTH: 40MHz Pi/2 BPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
346000	1730	22.51	1.92	24.43	277.33	1
349000	1745	22.34	1.92	24.26	266.69	1
352000	1760	22.52	1.92	24.44	277.97	1

CHANNEL BANDWIDTH: 40MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
346000	1730	22.54	1.92	24.46	279.25	1
349000	1745	22.58	1.92	24.5	281.84	1
352000	1760	22.46	1.92	24.38	274.16	1

CHANNEL BANDWIDTH: 40MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
346000	1730	21.72	1.92	23.64	231.21	1
349000	1745	21.74	1.92	23.66	232.27	1
352000	1760	21.78	1.92	23.7	234.42	1

CHANNEL BANDWIDTH: 40MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
346000	1730	19.55	1.92	21.47	140.28	1
349000	1745	19.73	1.92	21.65	146.22	1
352000	1760	19.74	1.92	21.66	146.55	1

CHANNEL BANDWIDTH: 40MHz 256QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
346000	1730	17.73	1.92	19.65	92.26	1
349000	1745	17.74	1.92	19.66	92.47	1
352000	1760	17.7	1.92	19.62	91.62	1

REMARKS: ERP Output Power (dBm) = EIRP (dBm) -2.15(dB).

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CHANNEL BANDWIDTH: 5MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
133100	665.5	22.43	1.03	23.46	221.82	1
136100	680.5	22.53	1.03	23.56	226.99	1
139100	695.5	22.61	1.03	23.64	231.21	1

CHANNEL BANDWIDTH: 10MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
133100	665.5	22.32	1.03	23.35	216.27	1
136100	680.5	22.49	1.03	23.52	224.91	1
139100	695.5	22.6	1.03	23.63	230.67	1

CHANNEL BANDWIDTH: 15MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
133600	668	22.39	1.03	23.42	219.79	1
136100	680.5	22.51	1.03	23.54	225.94	1
138600	693	22.53	1.03	23.56	226.99	1

CHANNEL BANDWIDTH: 20MHz Pi/2 BPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
134100	670.5	22.68	1.03	23.71	234.96	1
136100	680.5	22.76	1.03	23.79	239.33	1
138100	690.5	22.73	1.03	23.76	237.68	1

CHANNEL BANDWIDTH: 20MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
134100	670.5	22.71	1.03	23.74	236.59	1
136100	680.5	22.7	1.03	23.73	236.05	1
138100	690.5	22.81	1.03	23.84	242.1	1

CHANNEL BANDWIDTH: 20MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
134100	670.5	22.69	1.03	23.72	235.5	1
136100	680.5	22.72	1.03	23.75	237.14	1
138100	690.5	22.76	1.03	23.79	239.33	1

CHANNEL BANDWIDTH: 20MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
134100	670.5	22.06	1.03	23.09	203.7	1
136100	680.5	22.27	1.03	23.3	213.8	1
138100	690.5	22.48	1.03	23.51	224.39	1

CHANNEL BANDWIDTH: 20MHz 256QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
134100	670.5	20.67	1.03	21.7	147.91	1
136100	680.5	20.96	1.03	21.99	158.12	1
138100	690.5	21.2	1.03	22.23	167.11	1

REMARKS: ERP Output Power (dBm) = EIRP (dBm) -2.15(dB).



BUREAU
VERITAS

Test Report No.: PSU-QSU2306260109R10

N78(Part27Q)

CHANNEL BANDWIDTH: 20MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Lmit (dBm/10Mhz)
630668	3460.02	24.32	1.07	25.39	345.94	30
633334	3500.01	24.4	1.07	25.47	352.37	30
636000	3540	24.3	1.07	25.37	344.35	30

CHANNEL BANDWIDTH: 30MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Lmit (dBm/10Mhz)
631002	3465.03	24.57	1.07	25.64	366.44	30
633334	3500.01	24.69	1.07	25.76	376.7	30
635664	3534.96	24.59	1.07	25.66	368.13	30

CHANNEL BANDWIDTH: 40MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Lmit (dBm/10Mhz)
631334	3470.01	24.59	1.07	25.66	368.13	30
633334	3500.01	24.72	1.07	25.79	379.31	30
635332	3529.98	24.68	1.07	25.75	375.84	30

CHANNEL BANDWIDTH: 50MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Lmit (dBm/10Mhz)
631668	3475.02	24.1	1.07	25.17	328.85	30
633334	3500.01	24.43	1.07	25.5	354.81	30
634998	3524.97	24.46	1.07	25.53	357.27	30

CHANNEL BANDWIDTH: 60MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Lmit (dBm/10Mhz)
632000	3480	24.43	1.07	25.5	354.81	30
633334	3500.01	24.41	1.07	25.48	353.18	30
634666	3519.99	24.5	1.07	25.57	360.58	30

CHANNEL BANDWIDTH: 80MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Lmit (dBm/10Mhz)
632668	3490.02	24.34	1.07	25.41	347.54	30
633334	3500.01	23.81	1.07	24.88	307.61	30
634000	3510	24.53	1.07	25.6	363.08	30

CHANNEL BANDWIDTH: 90MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Lmit (dBm/10Mhz)
632668	3495	24.49	1.07	25.56	359.75	30
633334	3500.01	24.05	1.07	25.12	325.09	30
634000	3504.99	24.38	1.07	25.45	350.75	30

CHANNEL BANDWIDTH: 100MHz Pi/2 BPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Lmit (dBm/10Mhz)
633334	3500.01	24.7	1.07	25.77	377.57	30

CHANNEL BANDWIDTH: 100MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Lmit (dBm/10Mhz)
633334	3500.01	24.71	1.07	25.78	378.44	30

CHANNEL BANDWIDTH: 100MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Lmit (dBm/10Mhz)
633334	3500.01	23.79	1.07	24.86	306.2	30

CHANNEL BANDWIDTH: 100MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Lmit (dBm/10Mhz)
633334	3500.01	21.73	1.07	22.8	190.55	30

CHANNEL BANDWIDTH: 100MHz 256QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Lmit (dBm/10Mhz)
633334	3500.01	19.89	1.07	20.96	124.74	30

REMARKS: ERP Output Power (dBm) = EIRP (dBm) -2.15(dB).



**BUREAU
VERITAS**

Test Report No.: PSU-QSU2306260109R10

N78(Part27O)

CHANNEL BANDWIDTH: 20MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Lmit (dBm/10Mhz)
647334	3710.01	23.55	1.07	24.62	289.73	30
650000	3750	23.24	1.07	24.31	269.77	30
652666	3789.99	22.69	1.07	23.76	237.68	30

CHANNEL BANDWIDTH: 30MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Lmit (dBm/10Mhz)
647670	3715.05	23.51	1.07	24.58	287.08	30
650000	3750	23.12	1.07	24.19	262.42	30
652332	3784.98	23.79	1.07	24.86	306.2	30

CHANNEL BANDWIDTH: 40MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Lmit (dBm/10Mhz)
648000	3720	23.77	1.07	24.84	304.79	30
650000	3750	23.42	1.07	24.49	281.19	30
652000	3780	23.59	1.07	24.66	292.42	30

CHANNEL BANDWIDTH: 50MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Lmit (dBm/10Mhz)
648334	3725.01	22.86	1.07	23.93	247.17	30
650000	3750	23.48	1.07	24.55	285.1	30
651666	3774.99	23.32	1.07	24.39	274.79	30

CHANNEL BANDWIDTH: 60MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Lmit (dBm/10Mhz)
648668	3730.02	23.34	1.07	24.41	276.06	30
650000	3750	22.95	1.07	24.02	252.35	30
651332	3769.98	23.17	1.07	24.24	265.46	30

CHANNEL BANDWIDTH: 80MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Lmit (dBm/10Mhz)
649334	3740.01	23.36	1.07	24.43	277.33	30
650000	3750	23.11	1.07	24.18	261.82	30
650666	3759.99	23.27	1.07	24.34	271.64	30

CHANNEL BANDWIDTH: 90MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Lmit (dBm/10Mhz)
649668	3745.02	23.21	1.07	24.28	267.92	30
650000	3750	23.08	1.07	24.15	260.02	30
650332	3754.98	23.02	1.07	24.09	256.45	30

CHANNEL BANDWIDTH: 100MHz Pi/2 BPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Lmit (dBm/10Mhz)
650000	3750	23.35	1.07	24.42	276.69	30

CHANNEL BANDWIDTH: 100MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Lmit (dBm/10Mhz)
650000	3750	23.38	1.07	24.45	278.61	30

CHANNEL BANDWIDTH: 100MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Lmit (dBm/10Mhz)
650000	3750	22.15	1.07	23.22	209.89	30

CHANNEL BANDWIDTH: 100MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Lmit (dBm/10Mhz)
650000	3750	20.26	1.07	21.33	135.83	30

CHANNEL BANDWIDTH: 100MHz 256QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Lmit (dBm/10Mhz)
650000	3750	19.27	1.07	20.34	108.14	30

REMARKS: ERP Output Power (dBm) = EIRP (dBm) -2.15(dB).



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VERITAS**

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NOTE: Max ERP/EIRP is according to Max conducted power calculate for NSA, the test data presented in the report from worst NSA.

DC_2A-n78A(Part27Q)

CHANNEL BANDWIDTH: 20MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (dBm/10MHz)
630668	3460.02	22.46	1.07	23.53	225.42	30
633334	3500.01	22.74	1.07	23.81	240.44	30
636000	3540	22.43	1.07	23.5	223.87	30

CHANNEL BANDWIDTH: 30MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (dBm/10MHz)
631002	3465.03	22.47	1.07	23.54	225.94	30
633334	3500.01	22.65	1.07	23.72	235.5	30
635664	3534.96	22.52	1.07	23.59	228.56	30

CHANNEL BANDWIDTH: 40MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (dBm/10MHz)
631334	3470.01	22.52	1.07	23.59	228.56	30
633334	3500.01	22.63	1.07	23.7	234.42	30
635332	3529.98	22.61	1.07	23.68	233.35	30

CHANNEL BANDWIDTH: 50MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (dBm/10MHz)
631668	3475.02	22.41	1.07	23.48	222.84	30
633334	3500.01	22.4	1.07	23.47	222.33	30
634998	3524.97	22.46	1.07	23.53	225.42	30

CHANNEL BANDWIDTH: 60MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (dBm/10MHz)
632000	3480	22.37	1.07	23.44	220.8	30
633334	3500.01	22.51	1.07	23.58	228.03	30
634666	3519.99	22.64	1.07	23.71	234.96	30

CHANNEL BANDWIDTH: 80MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (dBm/10MHz)
632668	3490.02	22.6	1.07	23.67	232.81	30
633334	3500.01	22.59	1.07	23.66	232.27	30
634000	3510	22.69	1.07	23.76	237.68	30

CHANNEL BANDWIDTH: 90MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (dBm/10MHz)
633000	3495	22.61	1.07	23.68	233.35	30
633334	3500.01	22.67	1.07	23.74	236.59	30
633666	3504.99	22.68	1.07	23.75	237.14	30

CHANNEL BANDWIDTH: 100MHz Pi/2 BPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (dBm/10MHz)
633334	3500.01	22.65	1.07	23.72	235.5	30

CHANNEL BANDWIDTH: 100MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (dBm/10MHz)
633334	3500.01	22.7	1.07	23.77	238.23	30

CHANNEL BANDWIDTH: 100MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (dBm/10MHz)
633334	3500.01	22.64	1.07	23.71	234.96	30

CHANNEL BANDWIDTH: 100MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (dBm/10MHz)
633334	3500.01	22.2	1.07	23.27	212.32	30

CHANNEL BANDWIDTH: 100MHz 256QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (dBm/10MHz)
633334	3500.01	20.17	1.07	21.24	133.05	30

REMARKS: ERP Output Power (dBm) = EIRP (dBm) -2.15(dB).

DC_5A-n78A(Part27O)

CHANNEL BANDWIDTH: 20MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (dBm/10MHz)
647334	3710.01	22.78	1.07	23.85	242.66	30
650000	3750	22.88	1.07	23.95	248.31	30
652666	3789.99	22.99	1.07	24.06	254.68	30

CHANNEL BANDWIDTH: 30MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (dBm/10MHz)
647670	3715.05	22.69	1.07	23.76	237.68	30
650000	3750	22.87	1.07	23.94	247.74	30
652332	3784.98	23	1.07	24.07	255.27	30

CHANNEL BANDWIDTH: 40MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (dBm/10MHz)
648000	3720	22.79	1.07	23.86	243.22	30
650000	3750	22.89	1.07	23.96	248.89	30
652000	3780	22.93	1.07	24	251.19	30

CHANNEL BANDWIDTH: 50MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (dBm/10MHz)
648334	3725.01	22.72	1.07	23.79	239.33	30
650000	3750	22.84	1.07	23.91	246.04	30
651666	3774.99	22.83	1.07	23.9	245.47	30

CHANNEL BANDWIDTH: 60MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (dBm/10MHz)
648668	3730.02	22.67	1.07	23.74	236.59	30
650000	3750	22.73	1.07	23.8	239.88	30
651332	3769.98	22.74	1.07	23.81	240.44	30

CHANNEL BANDWIDTH: 80MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (dBm/10MHz)
649334	3740.01	22.68	1.07	23.75	237.14	30
650000	3750	22.72	1.07	23.79	239.33	30
650666	3759.99	22.73	1.07	23.8	239.88	30

CHANNEL BANDWIDTH: 90MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (dBm/10MHz)
649668	3745.02	22.75	1.07	23.82	240.99	30
650000	3750	22.81	1.07	23.88	244.34	30
650332	3754.98	22.77	1.07	23.84	242.1	30

CHANNEL BANDWIDTH: 100MHz Pi/2 BPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (dBm/10MHz)
650000	3750	23.01	1.07	24.08	255.86	30

CHANNEL BANDWIDTH: 100MHz QPSK

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (dBm/10MHz)
650000	3750	23.04	1.07	24.11	257.63	30

CHANNEL BANDWIDTH: 100MHz 16QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (dBm/10MHz)
650000	3750	22.04	1.07	23.11	204.64	30

CHANNEL BANDWIDTH: 100MHz 64QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (dBm/10MHz)
650000	3750	20.23	1.07	21.3	134.9	30

CHANNEL BANDWIDTH: 100MHz 256QAM

Channel	Frequency (MHz)	Conducted Power (dBm)	G _T -L _C (dB)	EIRP (dBm)	EIRP (mW)	Limit (dBm/10MHz)
650000	3750	19.4	1.07	20.47	111.43	30

REMARKS: ERP Output Power (dBm) = EIRP (dBm) -2.15(dB).

3.2 FREQUENCY STABILITY MEASUREMENT

3.2.1 LIMITS OF FREQUENCY STABILITY MEASUREMENT

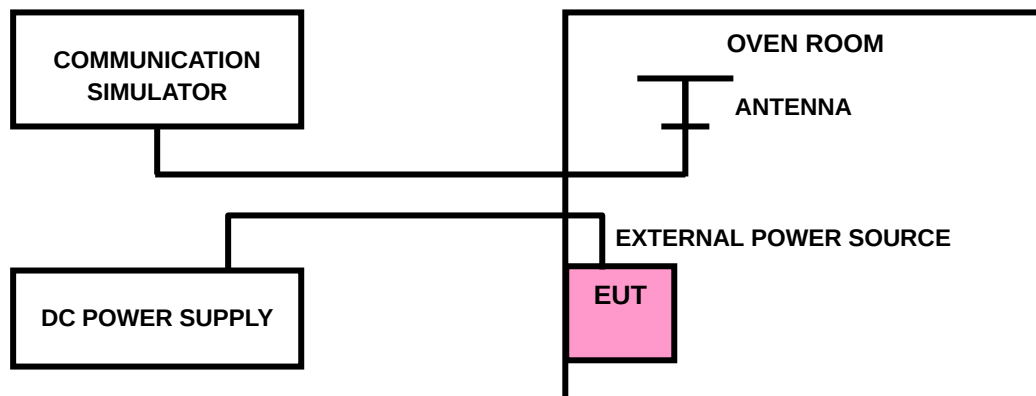
The frequency stability shall be sufficient to ensure that the fundamental emissions stay within the authorized bands of operation.

3.2.2 TEST PROCEDURE

- Device is placed at the oven room. The oven room could control the temperatures and humidity. Power warm up is at least 15 min and power applied should perform before recording frequency error.
- EUT is connected the external power supply to control the DC input power. The test voltage range is from minimum to maximum working voltage. Each step shall be record the frequency error rate.
- The temperature range step is 10 degrees in this test items. All temperature levels shall be hold the $\pm 0.5^{\circ}\text{C}$ during the measurement testing. The each temperature step shall be at least 0.5 hours, consider the EUT could be test under the stability condition.

NOTE: The frequency error was recorded frequency error from the communication simulator.

3.2.3 TEST SETUP





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3.2.4 TEST RESULTS

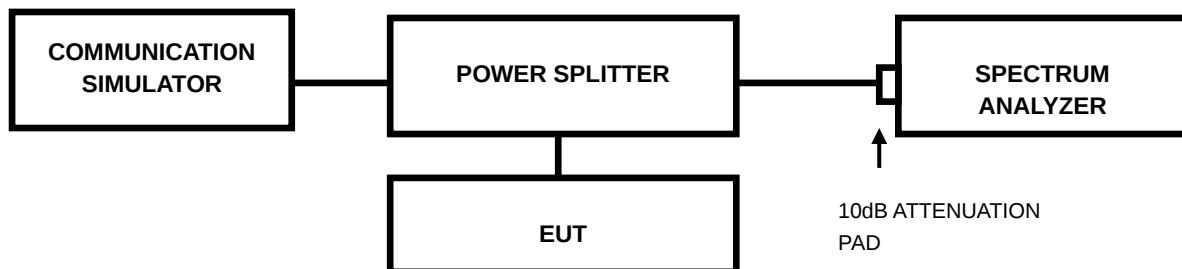
Please Refer to the module report (Report No.: SEWA2205000015RG02, M Model name: AG550Q-NA, FCC ID: XMR2022AG550QNA).

3.3 OCCUPIED BANDWIDTH MEASUREMENT

3.3.1 LIMITS OF OCCUPIED BANDWIDTH MEASUREMENT

The width of a frequency band such that, below the lower and above the upper frequency limits, the mean powers emitted are each equal to a specified percentage 0.5 %of the total mean power of a given emission.

3.3.2 TEST SETUP



3.3.3 TEST PROCEDURES

- The conducted occupied bandwidth used the power splitter via EUT RF power connector between simulation base station and spectrum analyzer.
- Use OBW measurement function of Spectrum analyzer to measure 99 % occupied bandwidth.



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3.3.4 TEST RESULTS

Please Refer to the module report (Report No.: SEWA2205000015RG02, M Model name: AG550Q-NA, FCC ID: XMR2022AG550QNA).

3.4 BAND EDGE MEASUREMENT

3.4.1 LIMITS OF BAND EDGE MEASUREMENT

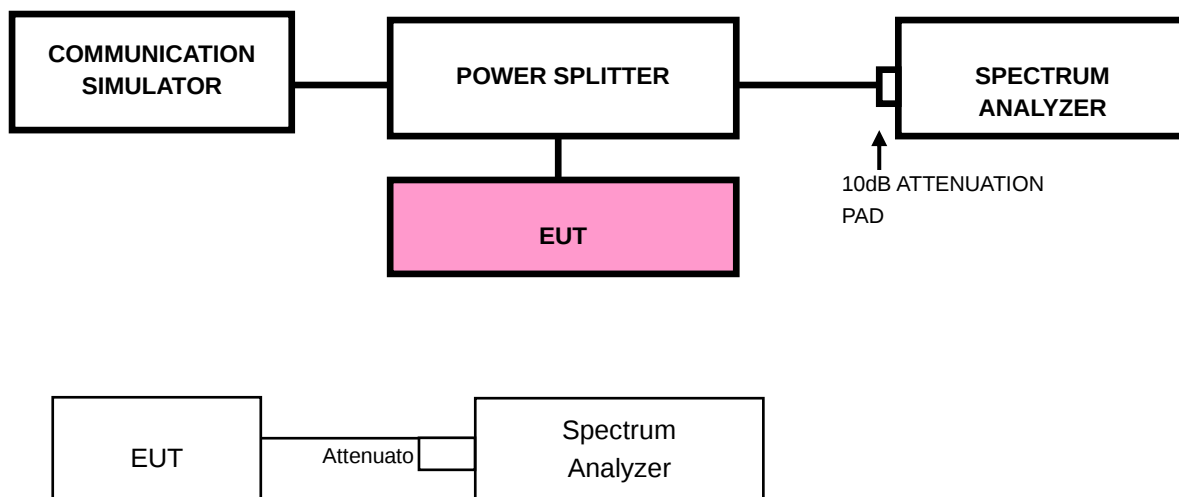
Power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB. In the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.(n2/n5/n25/n66)

According to FCC 27.53(g) specified that For operations in the 600 MHz band and the 698-746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least $43 + 10 \log(P)$ dB. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed. (n71)

According to FCC 27.53(l)(2) specified that For mobile operations in the 3700-3980 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz. Compliance with this paragraph (l)(2) is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be either one percent of the emission bandwidth of the fundamental emission of the transmitter or 350 kHz. In the bands between 1 and 5 MHz removed from the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be 500 kHz.(n77/n78)

According to FCC 27.53(n)(2) specified that For mobile operations in the 3450-3550 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz. Compliance with this paragraph (n)(2) is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed, but limited to a maximum of 200 kHz. In the bands between 1 and 5 MHz removed from the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be 500 kHz. The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

3.4.2 TEST SETUP



3.4.3 TEST PROCEDURES

- a) Connect the transmitter to the spectrum analyzer via coaxial cable while ensuring proper impedance matching.
- b) Tune the analyzer to the nominal center frequency of the emission bandwidth (EBW).
- c) Set the resolution bandwidth (RBW) $\geq 1\%$ EBW in the 1MHz band immediately outside and adjacent to the band edge.
- d) Beyond the 1MHz band from the band edge, RBW=1MHz was used.
- e) Set the video bandwidth (VBW) to $\geq 3 \times$ RBW.
- f) Select the average power (RMS) display detector.
- g) Set the number of measurement points to ≥ 1001 .
- h) Use auto-coupled sweep time.
- i) Perform the measurement over an interval of time when the transmission is continuous and at its maximum power level.
- j) The RF fundamental frequency should be excluded against the limit line in the operating frequency band and use RBW is 10KHz or 100KHz.
- k) Record the max trace plot into the test report.



Test Report No.: PSU-QSU2306260109R10

3.4.4 TEST RESULTS

Please Refer to the module report (Report No.: SEWA2205000015RG02, M
Model name: AG550Q-NA, FCC ID: XMR2022AG550QNA).

3.5 CONDUCTED SPURIOUS EMISSIONS

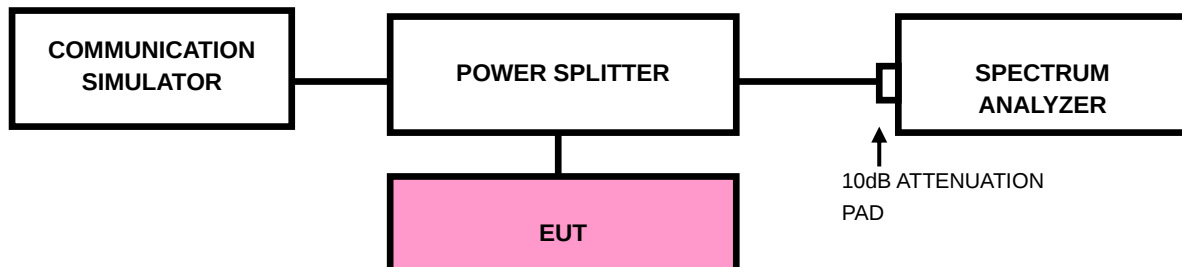
3.5.1 LIMITS OF CONDUCTED SPURIOUS EMISSIONS MEASUREMENT

The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least $43 + 10 \log_{10}(P)$ dB. The limit of emission is equal to -13dBm.

3.5.2 TEST PROCEDURE

- a. The EUT makes a phone call to the communication simulator. All measurements were done at low, middle and high operational frequency range.
- b. Measuring frequency range is from 9kHz up to a frequency including its 10th harmonic. 10dB attenuation pad is connected with spectrum. RBW=1MHz and VBW=3MHz is used for conducted emission measurement.

3.5.3 TEST SETUP





Test Report No.: PSU-QSU2306260109R10

3.5.4 TEST RESULTS

NOTE : The 9K~30MHz amplitude of spurious emissions attenuated more than 20 dB below the permissible value is not required in the report.

Please Refer to the module report (Report No.: SEWA2205000015RG02, M
Model name: AG550Q-NA, FCC ID: XMR2022AG550QNA).

3.6 RADIATED EMISSION MEASUREMENT

3.6.1 LIMITS OF RADIATED EMISSION MEASUREMENT

The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least $43 + 10 \log_{10}(P)$ dB. The limit of emission is equal to -13dBm.

3.6.2 TEST PROCEDURES

- a. Substitution method is used for E.I.R.P measurement. In the semi-anechoic chamber, EUT placed on the 0.8m height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum polar radiated power. The "Read Value" is the spectrum reading the maximum power value.
- b. The substitution horn antenna is substituted for EUT at the same position and signals generator export the CW signal to the substitution antenna via a TX cable. Rotated the Turn Table and moved receiving antenna to find the maximum radiation power. Adjust output power level of S.G to get a Value of spectrum reading equal to "Read Value " of step a. Record the power level of S.G.
- c. $EIRP = \text{Output power level of S.G} - \text{TX cable loss} + \text{Antenna gain of substitution horn}$.
- d. E.R.P power can be calculated form E.I.R.P power by subtracting the gain of dipole, $E.R.P \text{ power} = E.I.P.R \text{ power} - 2.15dBi$.

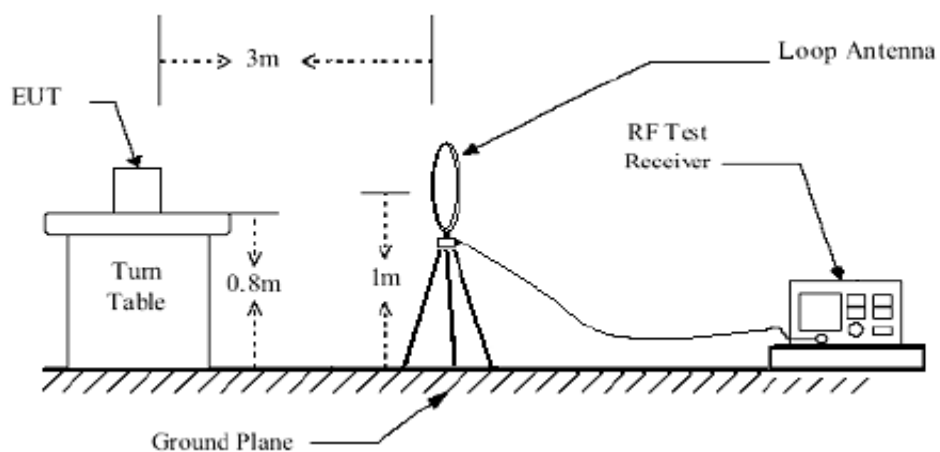
NOTE: The resolution bandwidth of spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz.

3.6.3 DEVIATION FROM TEST STANDARD

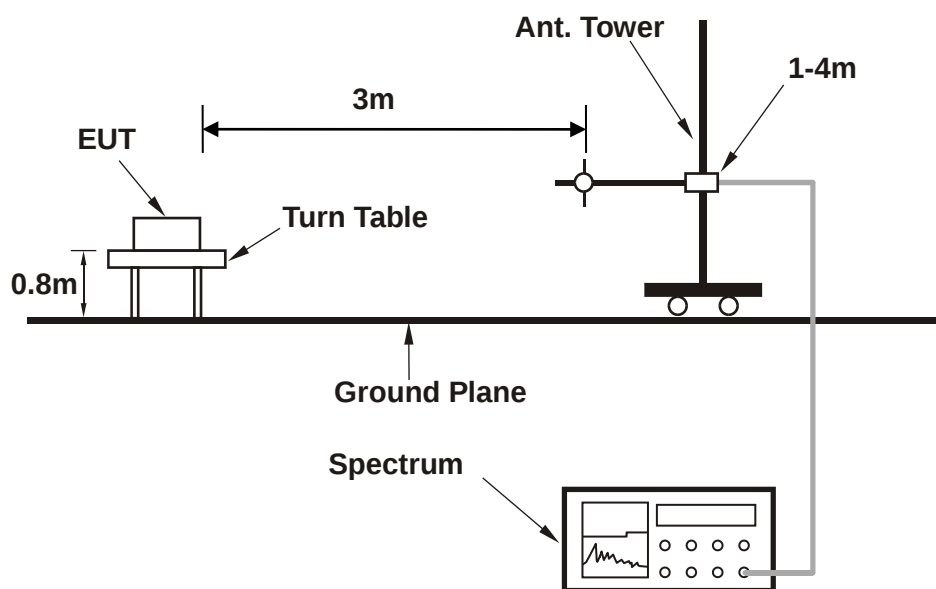
No deviation

3.6.4 TEST SETUP

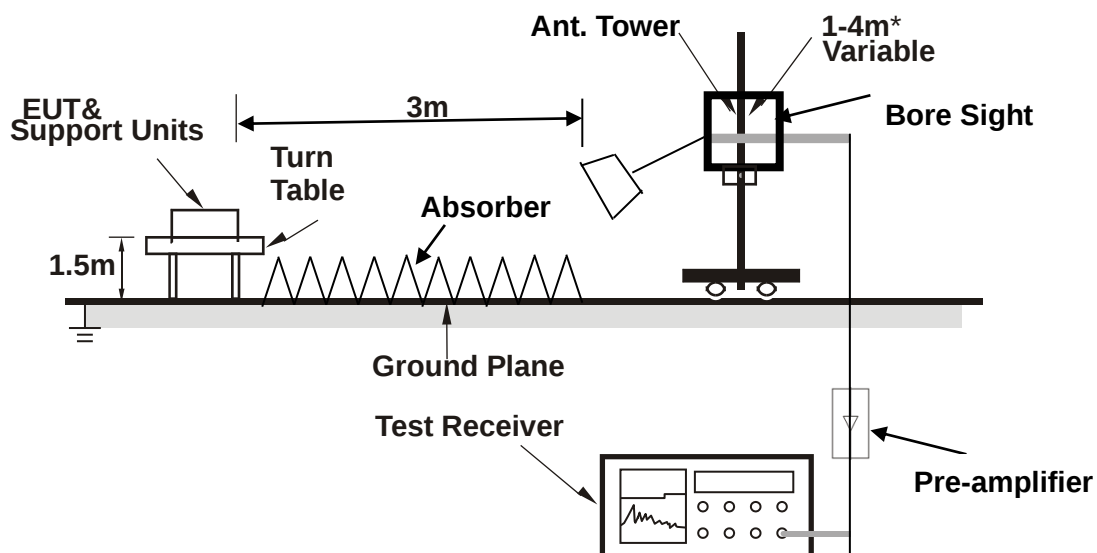
< Frequency Range below 30MHz >



< Frequency Range 30MHz~1GHz >



<Frequency Range above 1GHz>



Note: Above 1G is a directional antenna depends on the EUT height and the antenna 3dB beamwidth both, refer to section 7.3 of CISPR 16-2-3.

For the actual test configuration, please refer to the attached file (Test Setup Photo).

3.6.5 TEST RESULTS

NOTE : The 9K~30MHz amplitude of spurious emissions attenuated more than 20 dB below the permissible value is not required in the report.

5G BELOW 1GHz WORST-CASE DATA

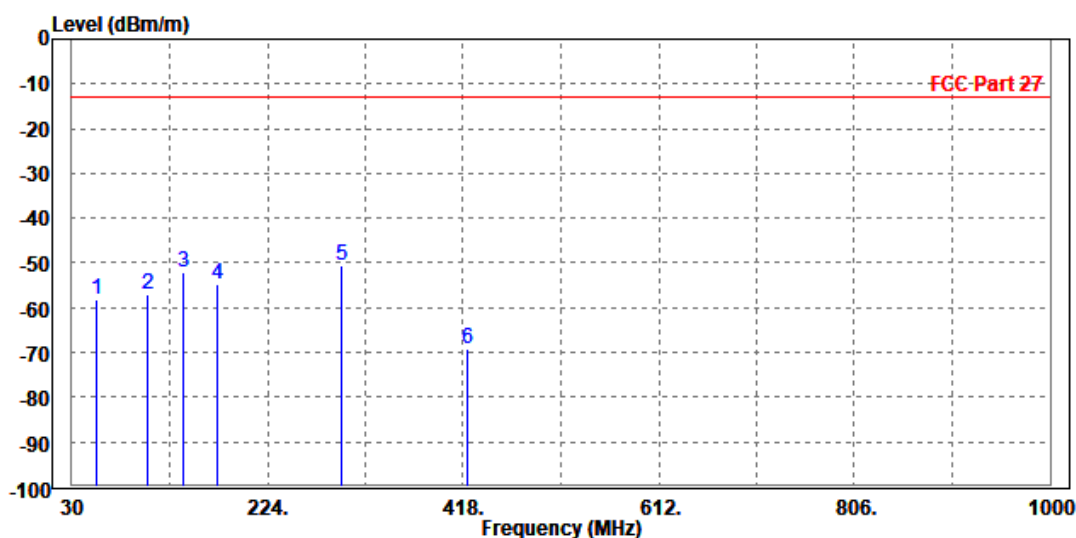
30 MHz – 1GHz data:

DC_12A-n78A(Part 27O):

CHANNEL BANDWIDTH: 100MHz / QPSK

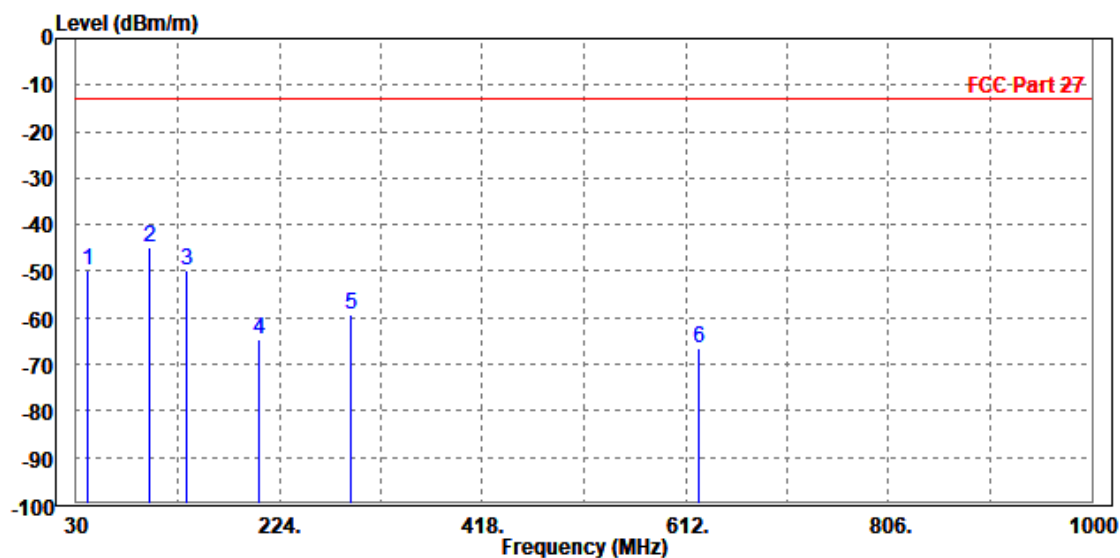
MODE	TX channel 650000	FREQUENCY RANGE	Below 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	54.250	-58.18	-40.46	-13.00	-45.18	-17.72	Peak	Horizontal
2	104.690	-56.93	-35.45	-13.00	-43.93	-21.48	Peak	Horizontal
3	140.580	-52.16	-32.88	-13.00	-39.16	-19.28	Peak	Horizontal
4	173.560	-54.76	-37.77	-13.00	-41.76	-16.99	Peak	Horizontal
5 PP	296.750	-50.42	-38.02	-13.00	-37.42	-12.40	Peak	Horizontal
6	422.850	-69.32	-59.70	-13.00	-56.32	-9.62	Peak	Horizontal



MODE	TX channel 650000	FREQUENCY RANGE	Below 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	40.670	-49.84	-24.92	-13.00	-36.84	-24.92	Peak	Vertical
2 PP	99.840	-44.77	-38.26	-13.00	-31.77	-6.51	Peak	Vertical
3	135.730	-49.96	-36.47	-13.00	-36.96	-13.49	Peak	Vertical
4	204.600	-64.46	-46.84	-13.00	-51.46	-17.62	Peak	Vertical
5	291.900	-59.42	-48.15	-13.00	-46.42	-11.27	Peak	Vertical
6	624.610	-66.69	-60.76	-13.00	-53.69	-5.93	Peak	Vertical





BUREAU
VERITAS

Test Report No.: PSU-QSU2306260109R10

ABOVE 1GHz

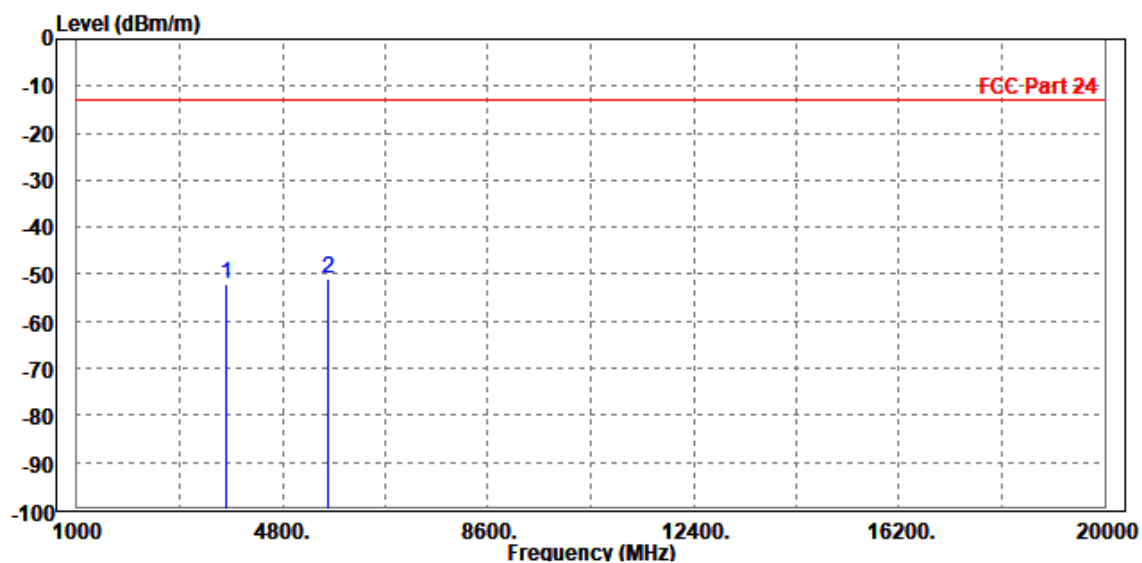
Note: For higher frequency, the emission is too low to be detected.

N2

CHANNEL BANDWIDTH: 5MHz / QPSK

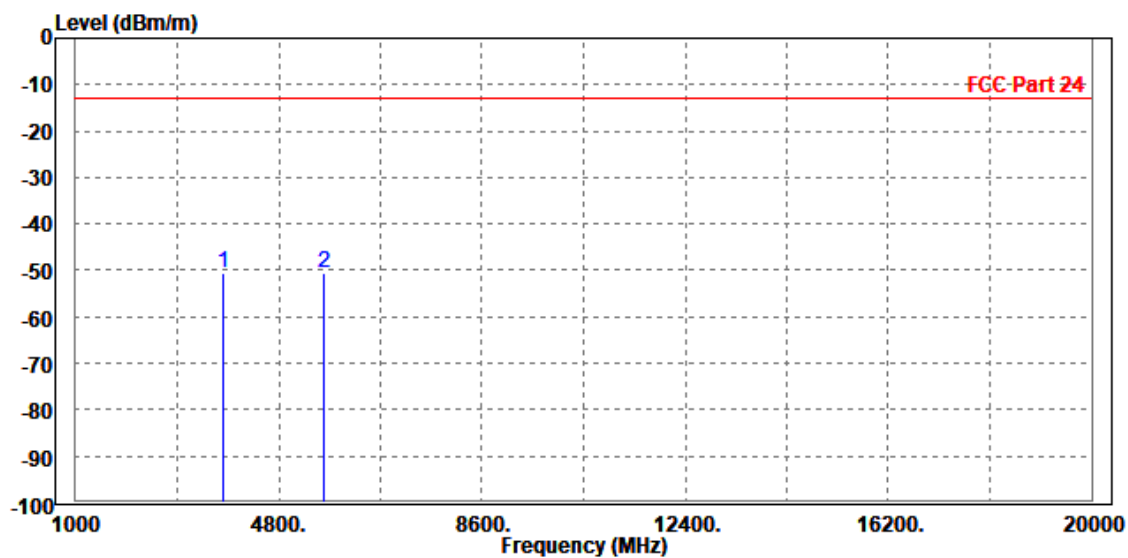
MODE	TX channel 376000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3755.000	-52.00	-59.98	-13.00	-39.00	7.98	Peak	Horizontal
2 PP	5640.000	-51.04	-61.78	-13.00	-38.04	10.74	Peak	Horizontal



MODE	TX channel 376000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3760.000	-50.69	-58.39	-13.00	-37.69	7.70	Peak	Vertical
2 PP	5636.000	-50.44	-61.56	-13.00	-37.44	11.12	Peak	Vertical



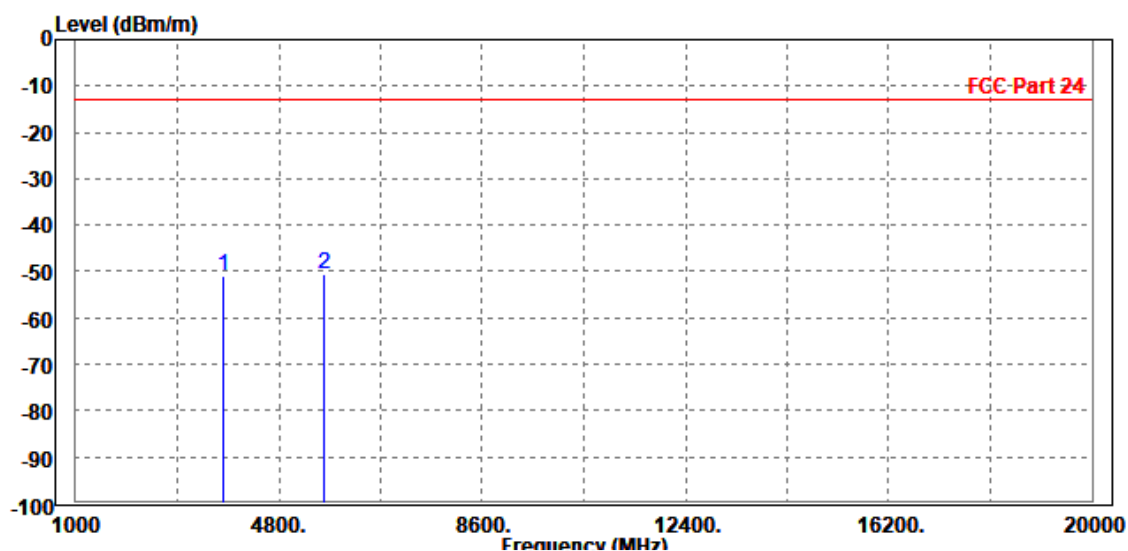


Test Report No.: PSU-QSU2306260109R10

CHANNEL BANDWIDTH: 10MHz / QPSK

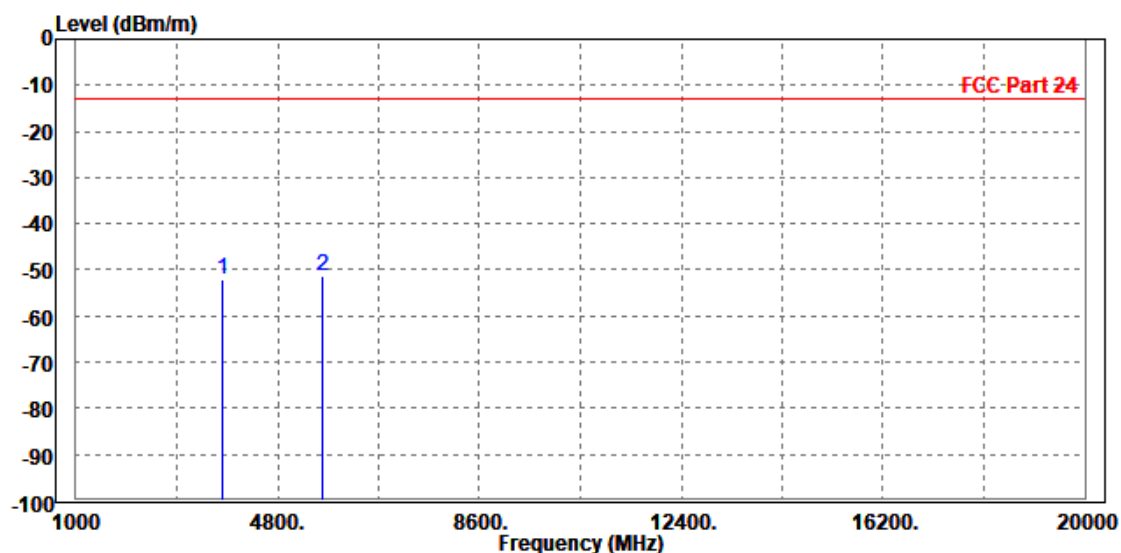
MODE	TX channel 376000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3760.000	-50.78	-58.77	-13.00	-37.78	7.99	Peak	Horizontal
2 PP	5636.000	-50.64	-61.37	-13.00	-37.64	10.73	Peak	Horizontal



MODE	TX channel 376000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

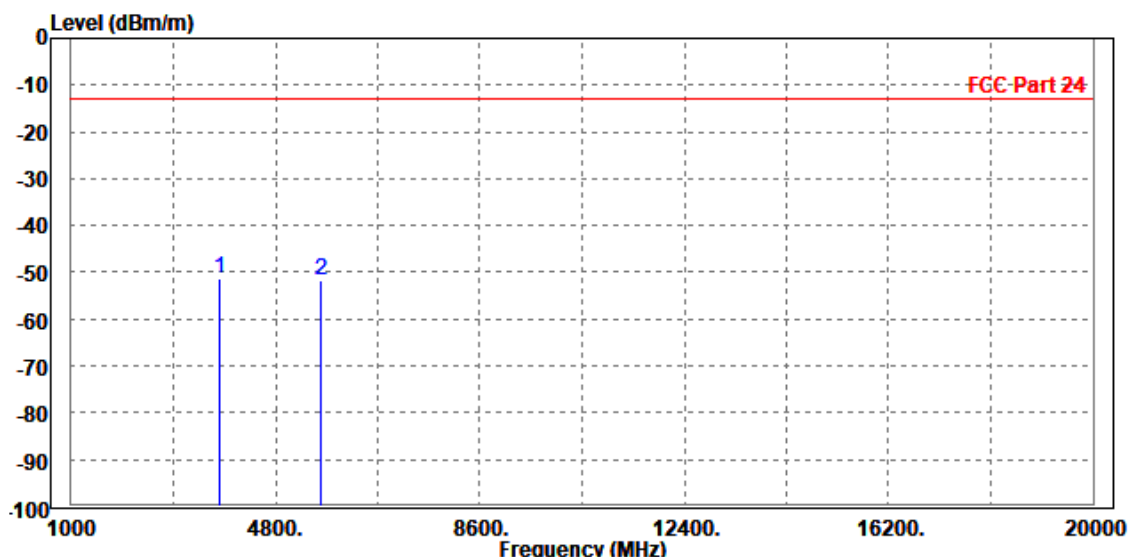
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3755.000	-52.25	-59.94	-13.00	-39.25	7.69	Peak	Vertical
2 PP	5640.000	-51.16	-62.29	-13.00	-38.16	11.13	Peak	Vertical



CHANNEL BANDWIDTH: 15MHz / QPSK

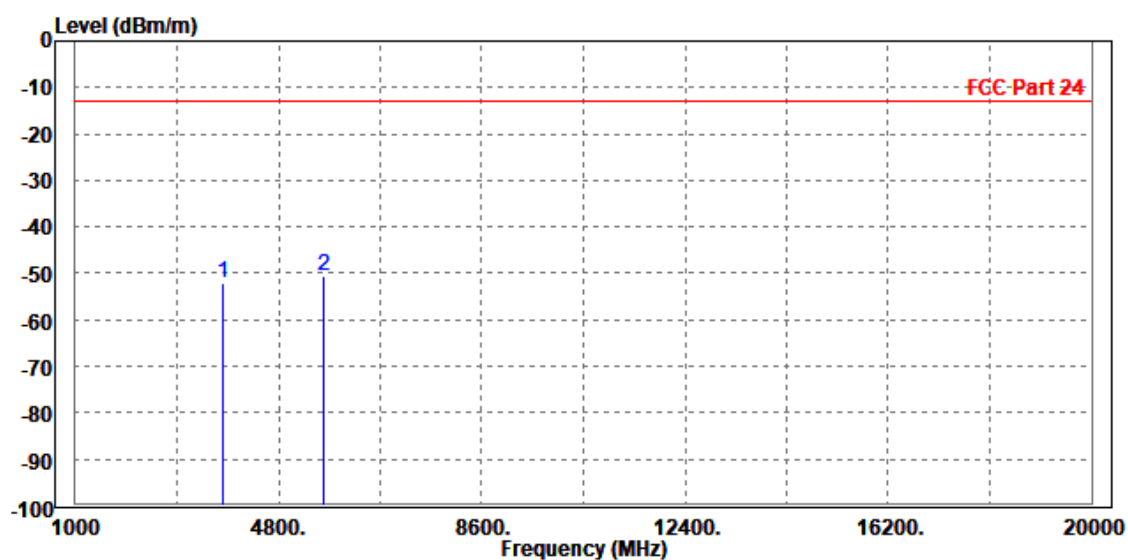
MODE	TX channel 376000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	PP 3755.000	-51.41	-59.39	-13.00	-38.41	7.98	Peak	Horizontal
2	5640.000	-51.59	-62.33	-13.00	-38.59	10.74	Peak	Horizontal



MODE	TX channel 376000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3760.000	-51.93	-59.63	-13.00	-38.93	7.70	Peak	Vertical
2 PP	5636.000	-50.41	-61.53	-13.00	-37.41	11.12	Peak	Vertical





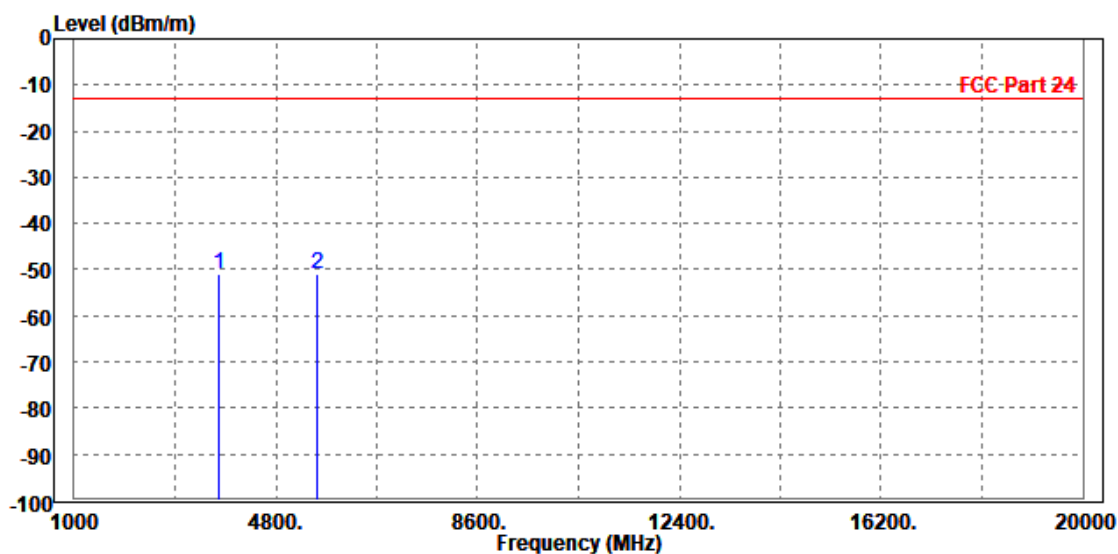
Test Report No.: PSU-QSU2306260109R10

CHANNEL BANDWIDTH: 20MHz / QPSK

CH372000

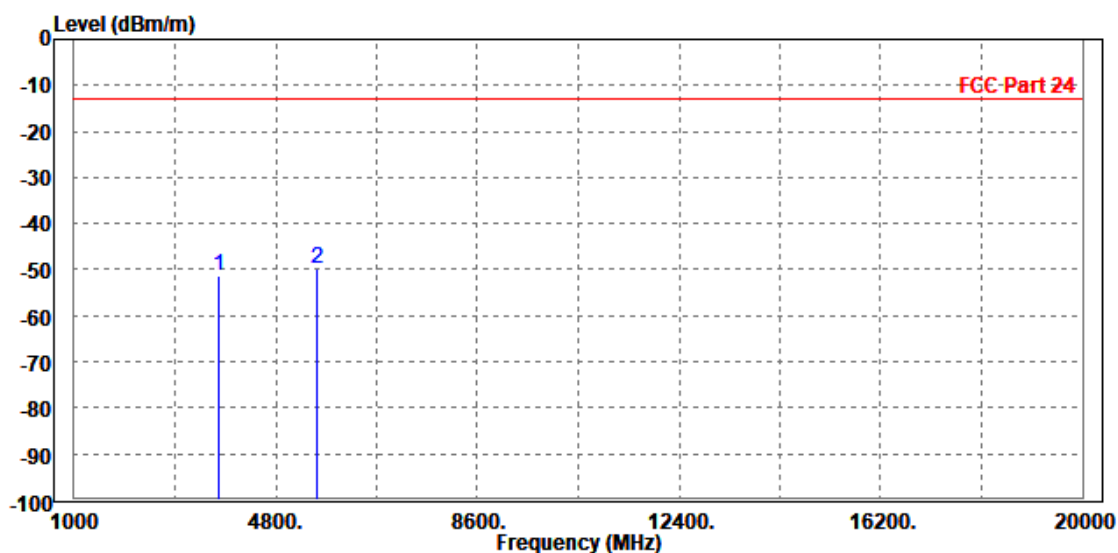
MODE	TX channel 372000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3720.000	-50.90	-58.79	-13.00	-37.90	7.89	Peak	Horizontal
2 PP	5579.000	-50.89	-61.52	-13.00	-37.89	10.63	Peak	Horizontal



MODE	TX channel 372000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

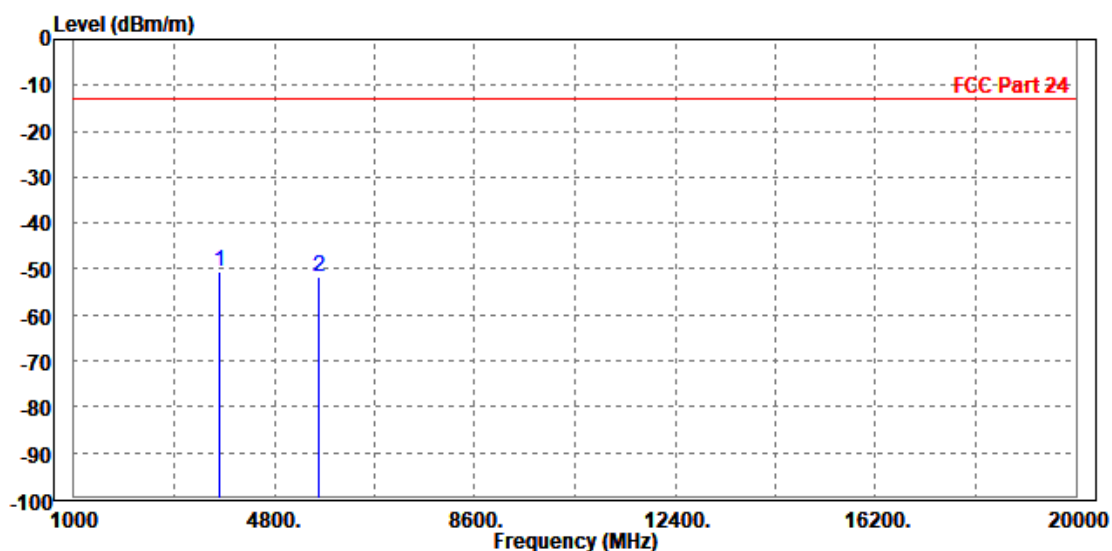
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3717.000	-51.30	-58.93	-13.00	-38.30	7.63	Peak	Vertical
2 PP	5580.000	-49.79	-60.74	-13.00	-36.79	10.95	Peak	Vertical



CH376000

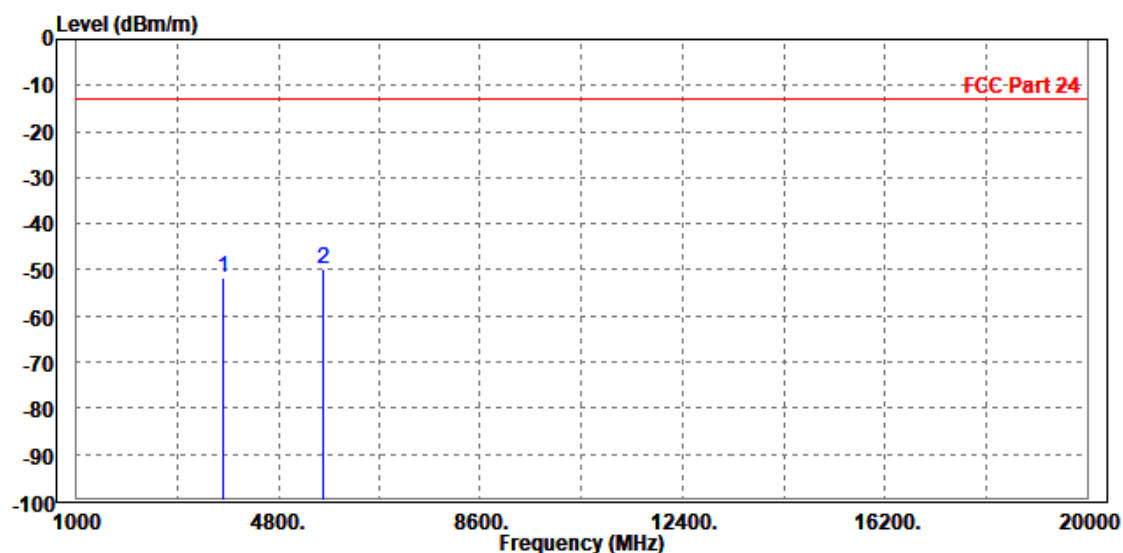
MODE	TX channel 376000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

			Read	Limit	Over			
Freq	Level	Level	Line	Limit	Factor	Remark	Pol/Phase	
MHz	dBm/m	dBm	dBm/m	dB	dB/m			
1 PP 3760.000	-50.70	-59.55	-13.00	-37.70	8.85	Peak	Horizontal	
2 5636.000	-51.62	-62.09	-13.00	-38.62	10.47	Peak	Horizontal	



MODE	TX channel 376000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

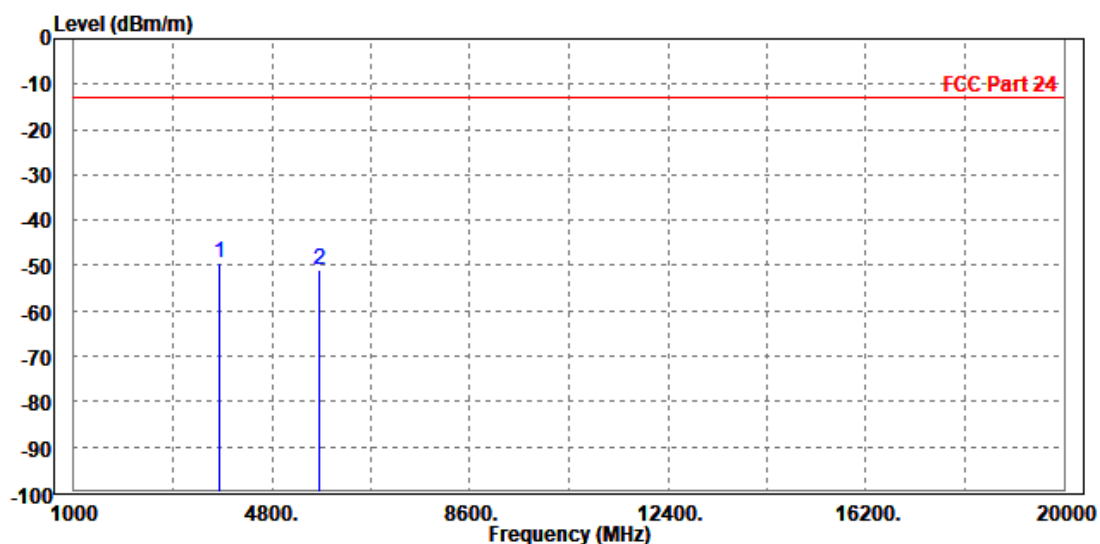
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3755.000	-51.59	-59.28	-13.00	-38.59	7.69	Peak	Vertical
2 PP	5640.000	-49.96	-61.09	-13.00	-36.96	11.13	Peak	Vertical



CH380000

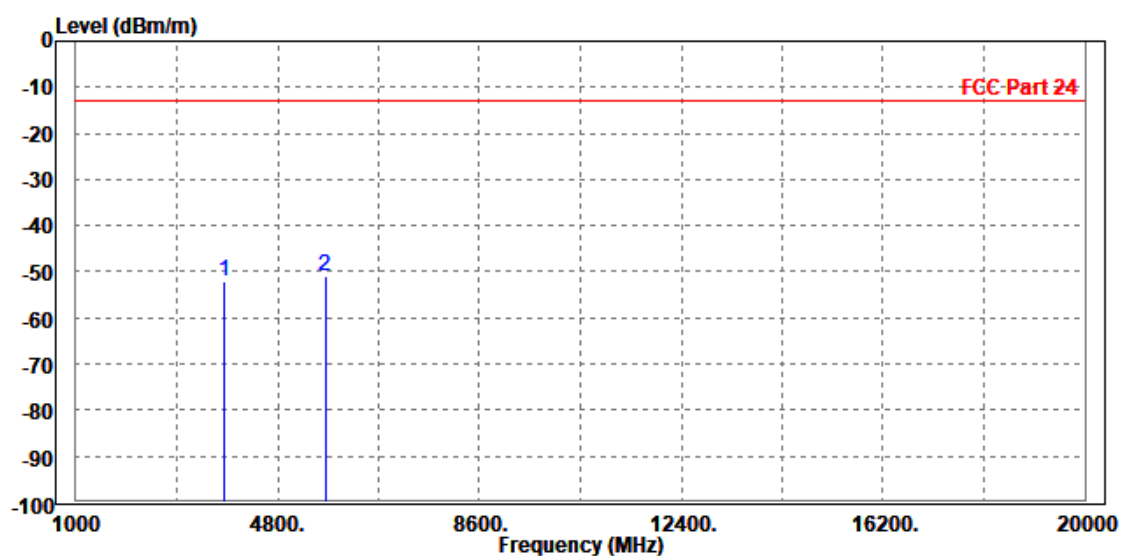
MODE	TX channel 380000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	PP 3793.000	-49.38	-57.45	-13.00	-36.38	8.07	Peak	Horizontal
2	5700.000	-51.01	-61.87	-13.00	-38.01	10.86	Peak	Horizontal



MODE	TX channel 380000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3800.000	-51.97	-59.72	-13.00	-38.97	7.75	Peak	Vertical
2 PP	5693.000	-51.12	-62.40	-13.00	-38.12	11.28	Peak	Vertical



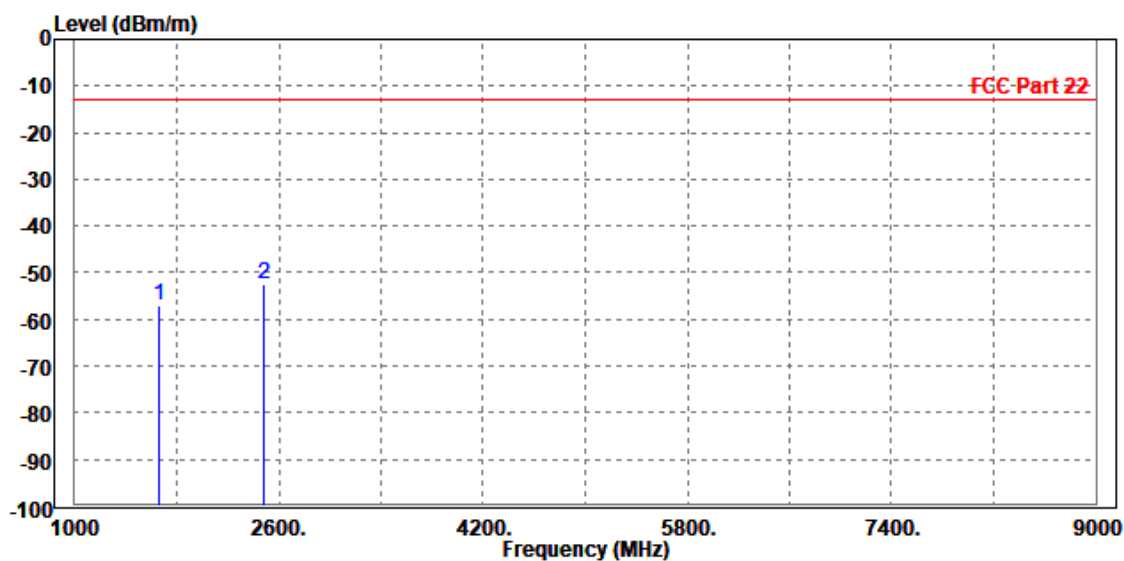
N5

CHANNEL BANDWIDTH: 5MHz / QPSK

CH 165300:

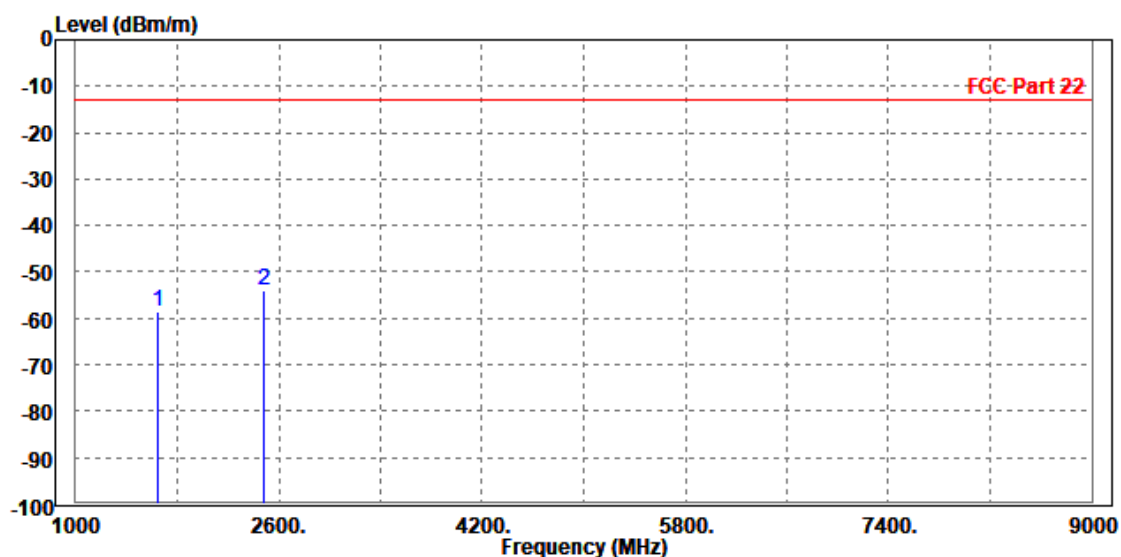
MODE	TX channel 165300	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	1656.000	-57.20	-58.04	-13.00	-44.20	0.84	Peak	Horizontal
2 PP	2479.500	-52.48	-57.84	-13.00	-39.48	5.36	Peak	Horizontal



MODE	TX channel 165300	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	1653.000	-58.48	-59.55	-13.00	-45.48	1.07	Peak	Vertical
2 PP	2480.000	-54.05	-58.93	-13.00	-41.05	4.88	Peak	Vertical



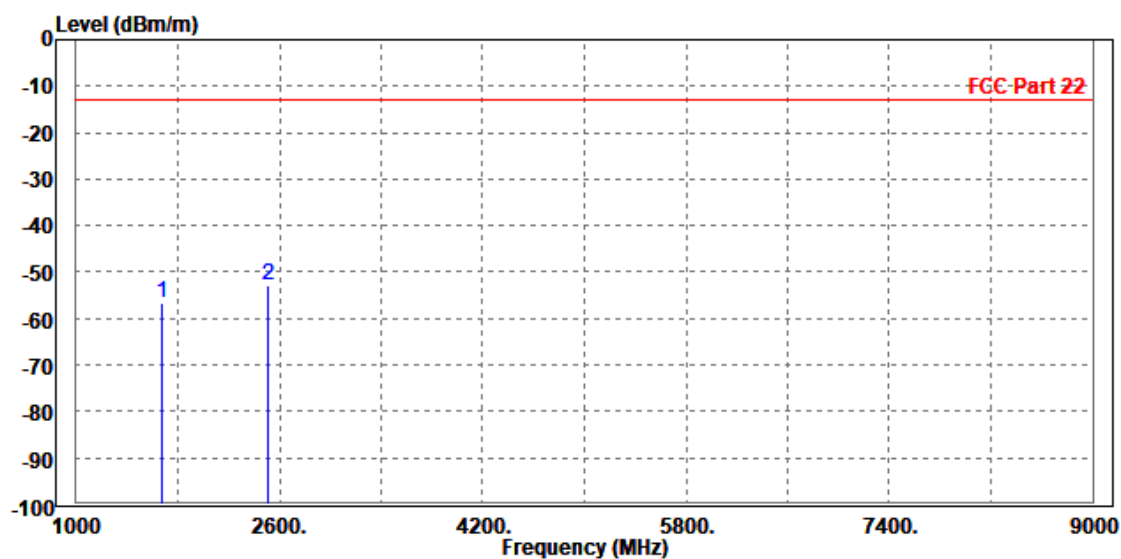


Test Report No.: PSU-QSU2306260109R10

CH 167300:

MODE	TX channel 167300	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	1673.000	-56.78	-57.76	-13.00	-43.78	0.98	Peak	Horizontal
2 PP	2512.000	-52.69	-58.16	-13.00	-39.69	5.47	Peak	Horizontal

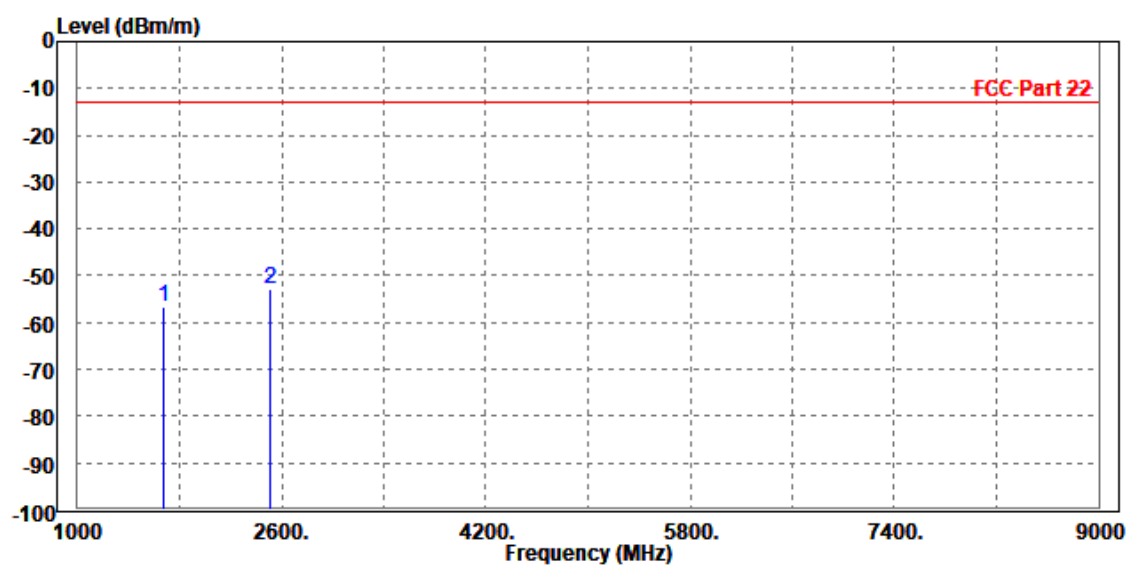




Test Report No.: PSU-QSU2306260109R10

MODE	TX channel 167300	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	1672.000	-56.70	-57.91	-13.00	-43.70	1.21	Peak	Vertical
2 PP	2509.500	-52.96	-57.93	-13.00	-39.96	4.97	Peak	Vertical



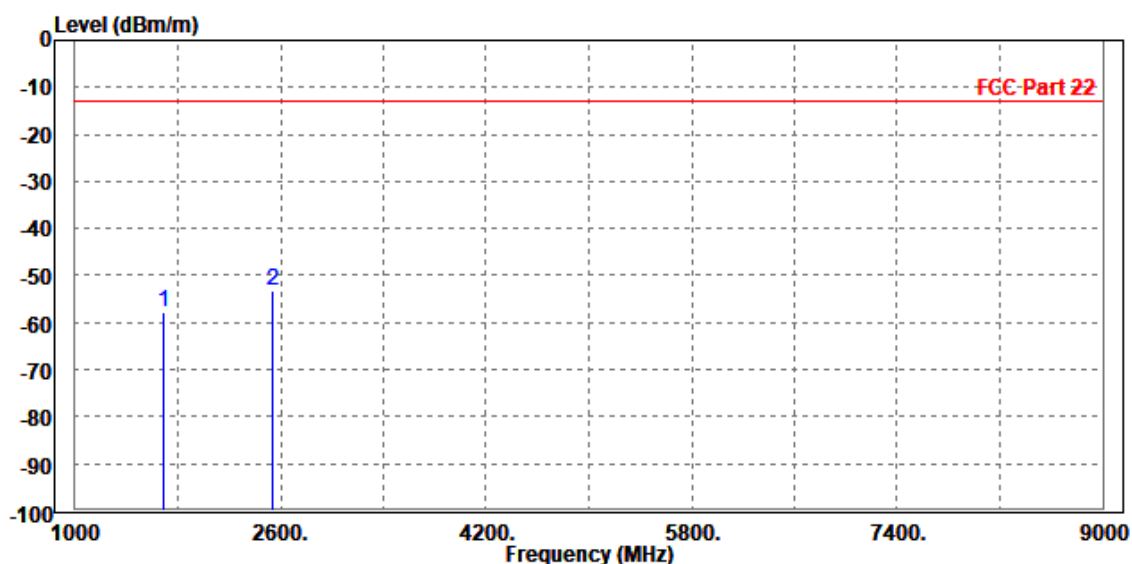


Test Report No.: PSU-QSU2306260109R10

CH 169300:

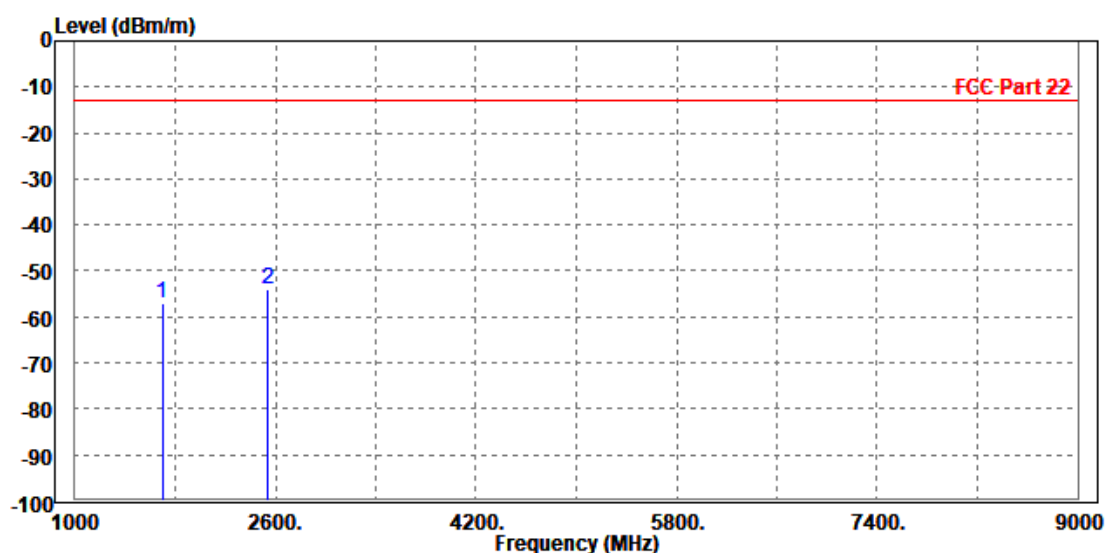
MODE	TX channel 169300	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	1693.000	-57.72	-58.86	-13.00	-44.72	1.14	Peak	Horizontal
2 PP	2536.000	-53.30	-58.83	-13.00	-40.30	5.53	Peak	Horizontal



MODE	TX channel 169300	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	1696.000	-57.15	-58.53	-13.00	-44.15	1.38	Peak	Vertical
2 PP	2539.500	-54.01	-59.08	-13.00	-41.01	5.07	Peak	Vertical



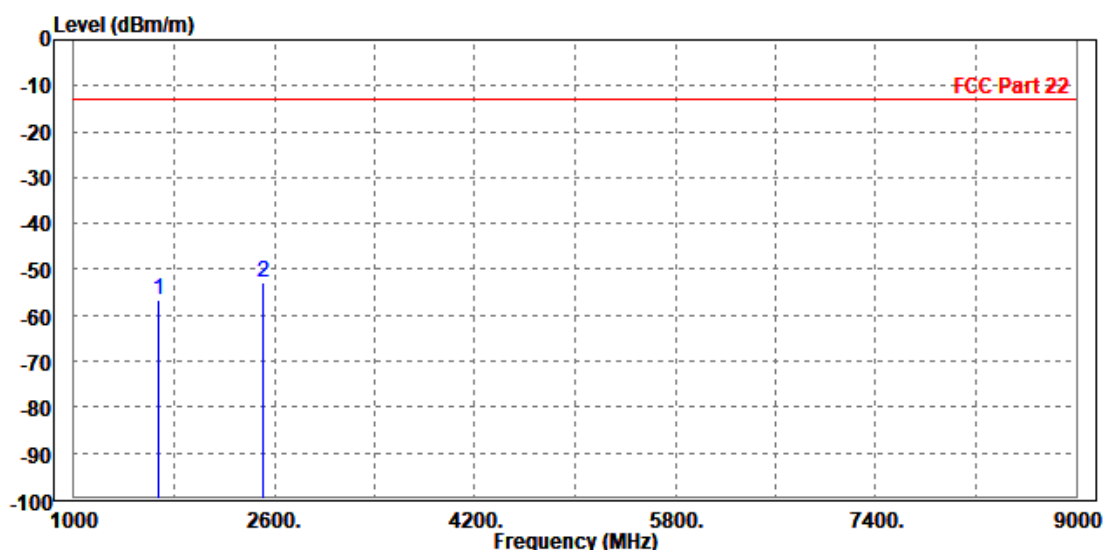


Test Report No.: PSU-QSU2306260109R10

CHANNEL BANDWIDTH: 10MHz / QPSK

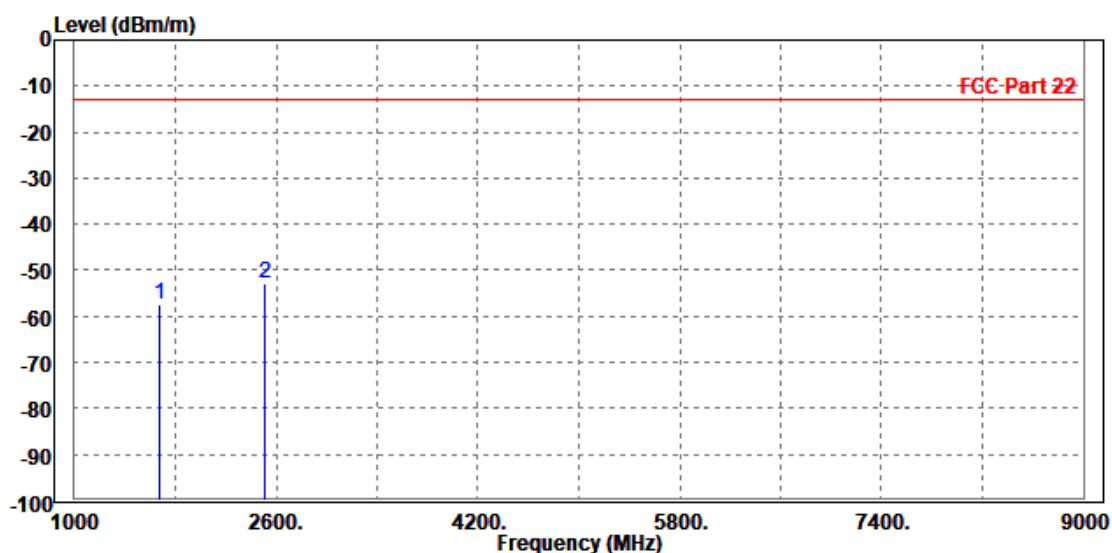
MODE	TX channel 167300	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	1672.000	-56.67	-57.64	-13.00	-43.67	0.97	Peak	Horizontal
2 PP	2509.500	-52.91	-58.37	-13.00	-39.91	5.46	Peak	Horizontal



MODE	TX channel 167300	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

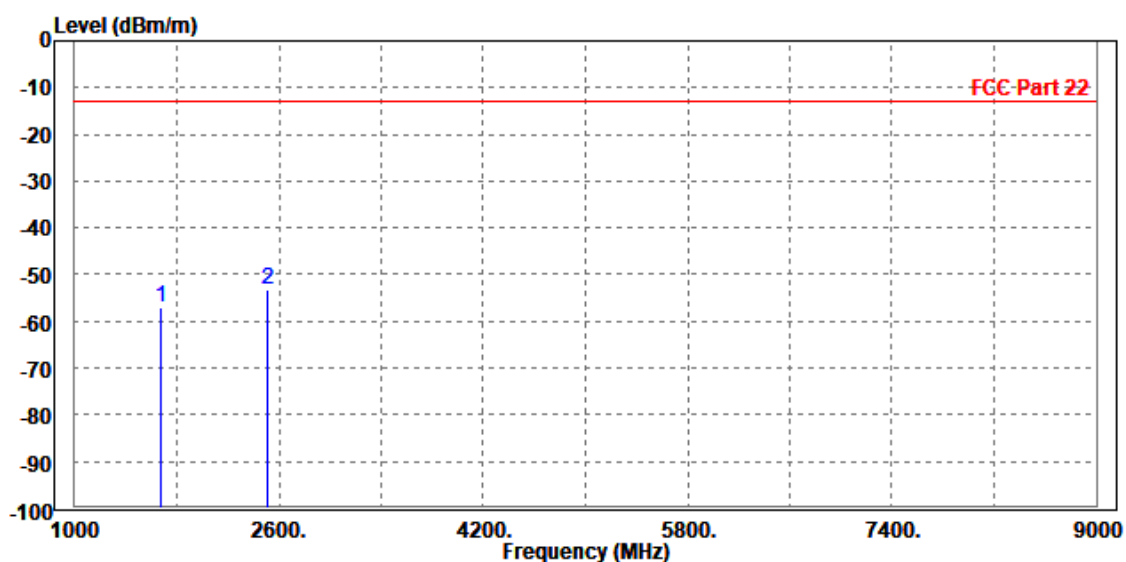
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	1673.000	-57.38	-58.60	-13.00	-44.38	1.22	Peak	Vertical
2 PP	2512.000	-52.75	-57.73	-13.00	-39.75	4.98	Peak	Vertical



CHANNEL BANDWIDTH: 15MHz / QPSK

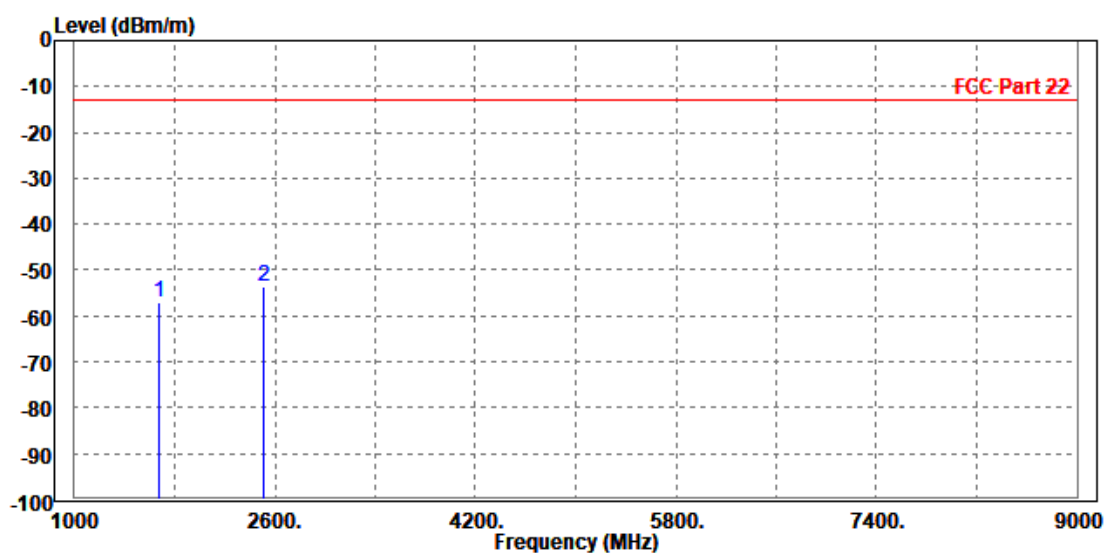
MODE	TX channel 167300	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	1673.000	-57.18	-58.16	-13.00	-44.18	0.98	Peak	Horizontal
2 PP	2512.000	-53.31	-58.78	-13.00	-40.31	5.47	Peak	Horizontal



MODE	TX channel 167300	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

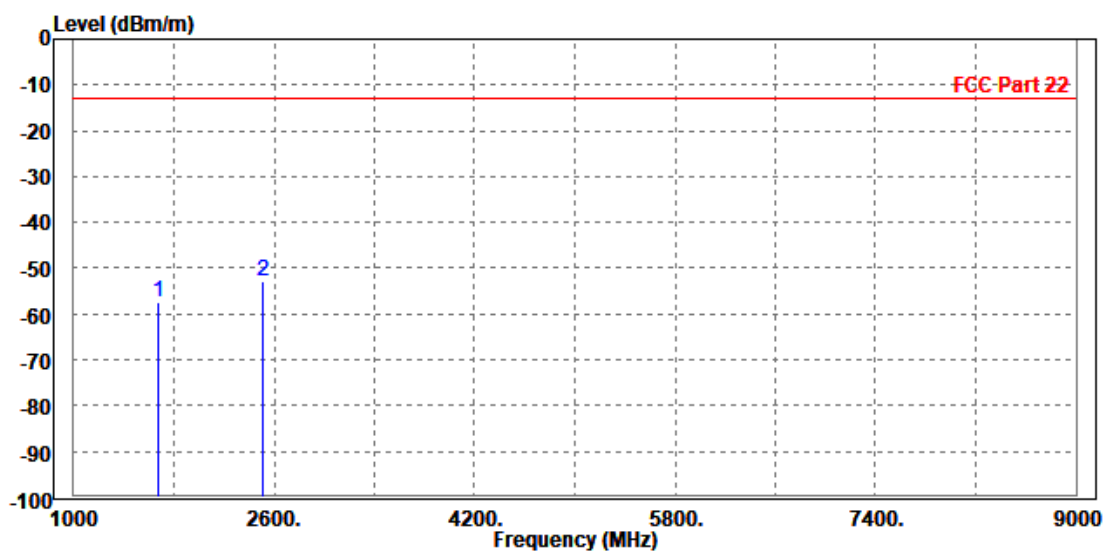
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	1672.000	-57.09	-58.30	-13.00	-44.09	1.21	Peak	Vertical
2 PP	2509.500	-53.63	-58.60	-13.00	-40.63	4.97	Peak	Vertical



CHANNEL BANDWIDTH: 20MHz / QPSK

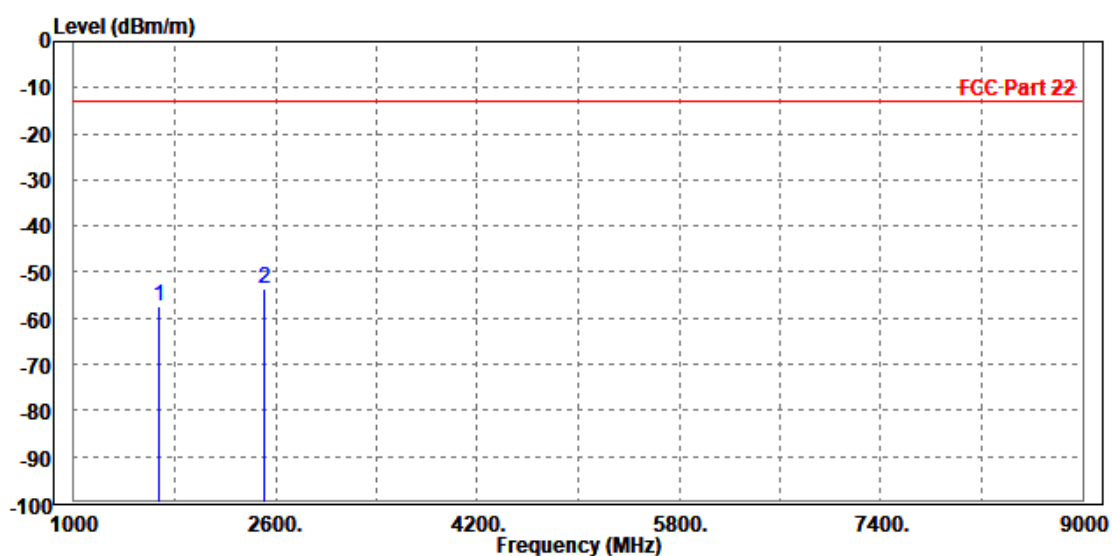
MODE	TX channel 167300	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	1672.000	-57.52	-58.49	-13.00	-44.52	0.97	Peak	Horizontal
2 PP	2509.500	-52.78	-58.24	-13.00	-39.78	5.46	Peak	Horizontal



MODE	TX channel 167300	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	1673.000	-57.58	-58.80	-13.00	-44.58	1.22	Peak	Vertical
2 PP	2512.000	-53.73	-58.71	-13.00	-40.73	4.98	Peak	Vertical

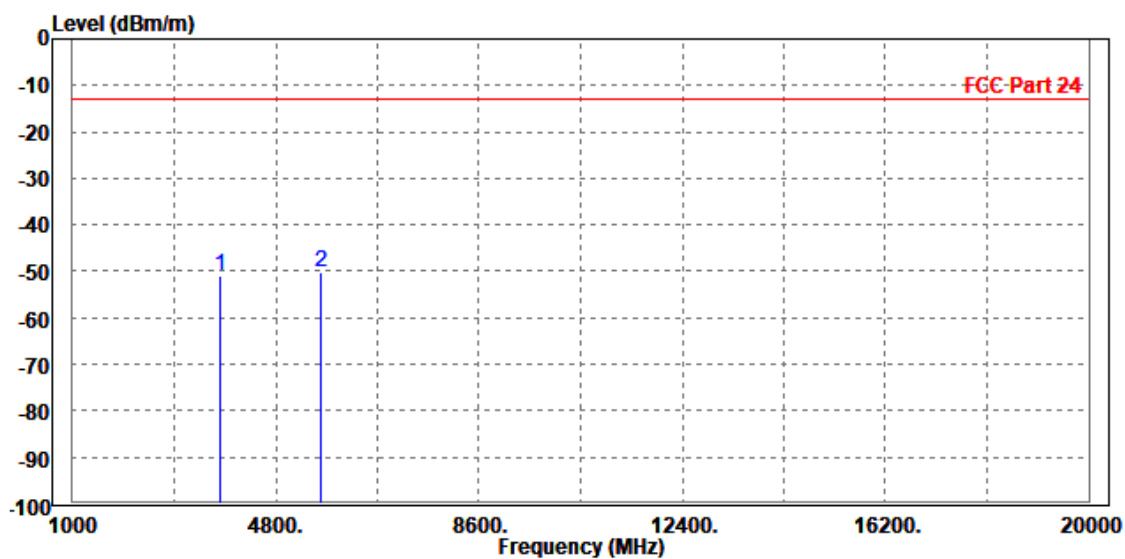


N25

CHANNEL BANDWIDTH: 5MHz / QPSK

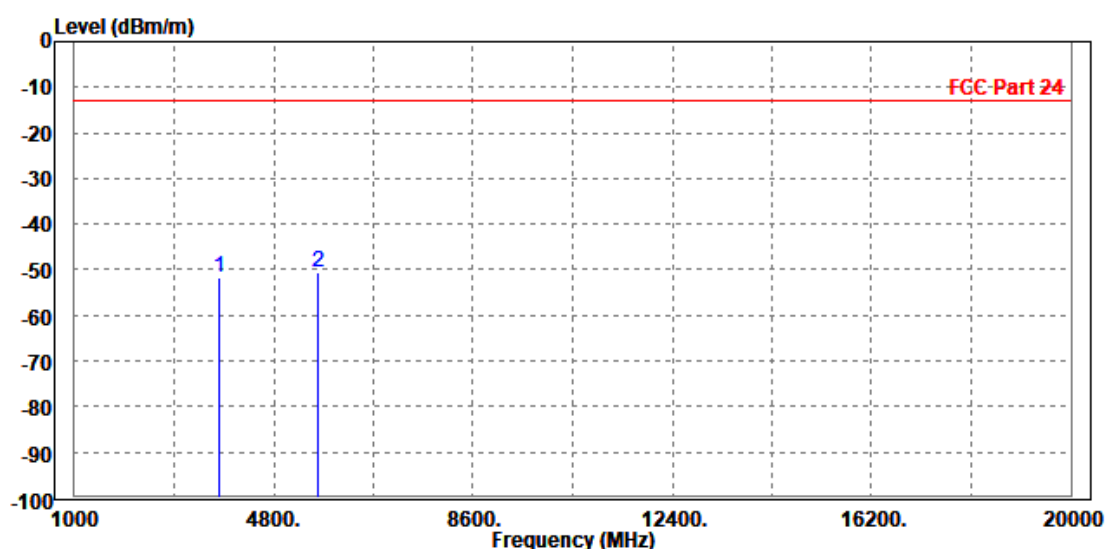
MODE	TX channel 376500	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3774.000	-50.89	-58.91	-13.00	-37.89	8.02	Peak	Horizontal
2 PP	5647.500	-50.23	-60.99	-13.00	-37.23	10.76	Peak	Horizontal



MODE	TX channel 376500	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

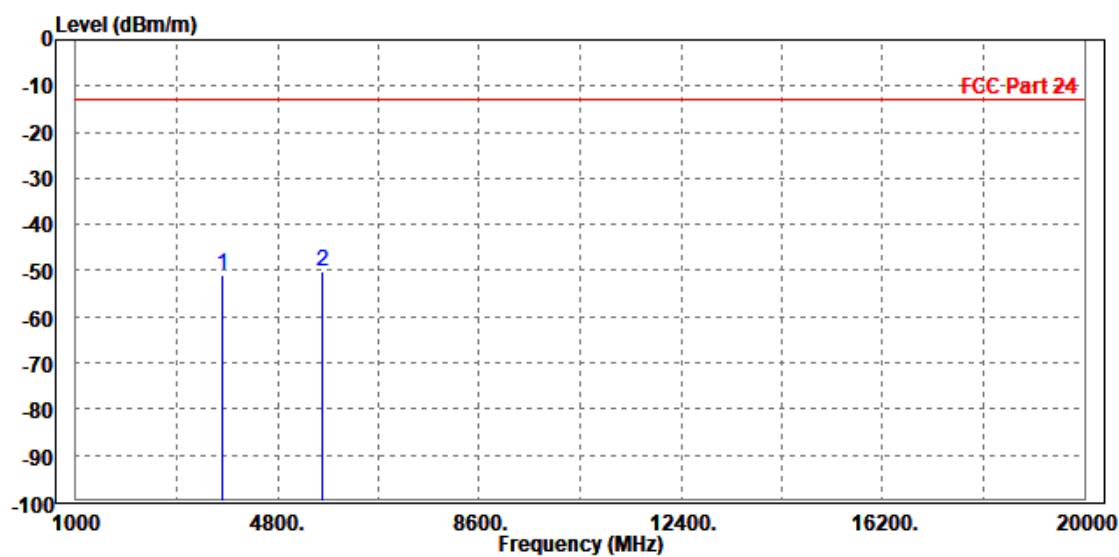
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3765.000	-51.70	-59.40	-13.00	-38.70	7.70	Peak	Vertical
2 PP	5655.000	-50.57	-61.74	-13.00	-37.57	11.17	Peak	Vertical



CHANNEL BANDWIDTH: 10MHz / QPSK

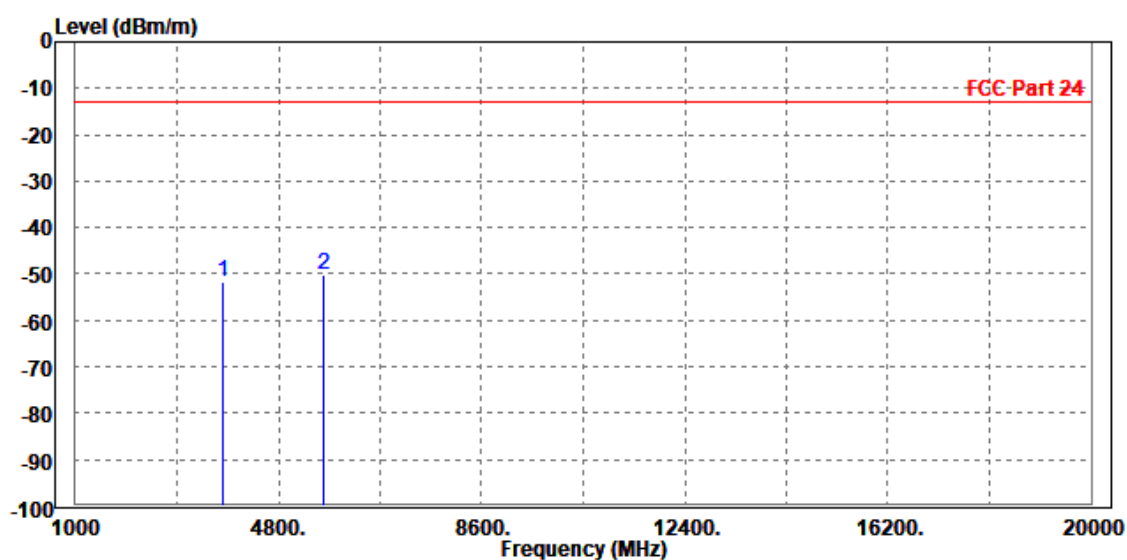
MODE	TX channel 376500	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3765.000	-51.04	-59.04	-13.00	-38.04	8.00	Peak	Horizontal
2 PP	5655.000	-50.25	-61.02	-13.00	-37.25	10.77	Peak	Horizontal



MODE	TX channel 376500	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

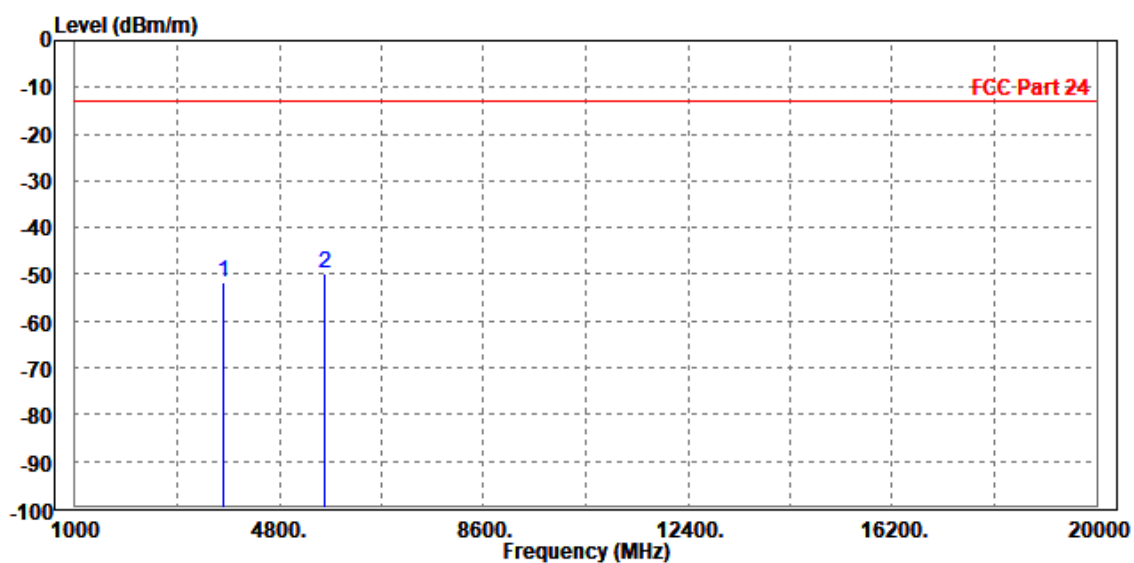
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3774.000	-51.78	-59.50	-13.00	-38.78	7.72	Peak	Vertical
2	PP 5647.500	-50.20	-61.35	-13.00	-37.20	11.15	Peak	Vertical



CHANNEL BANDWIDTH: 15MHz / QPSK

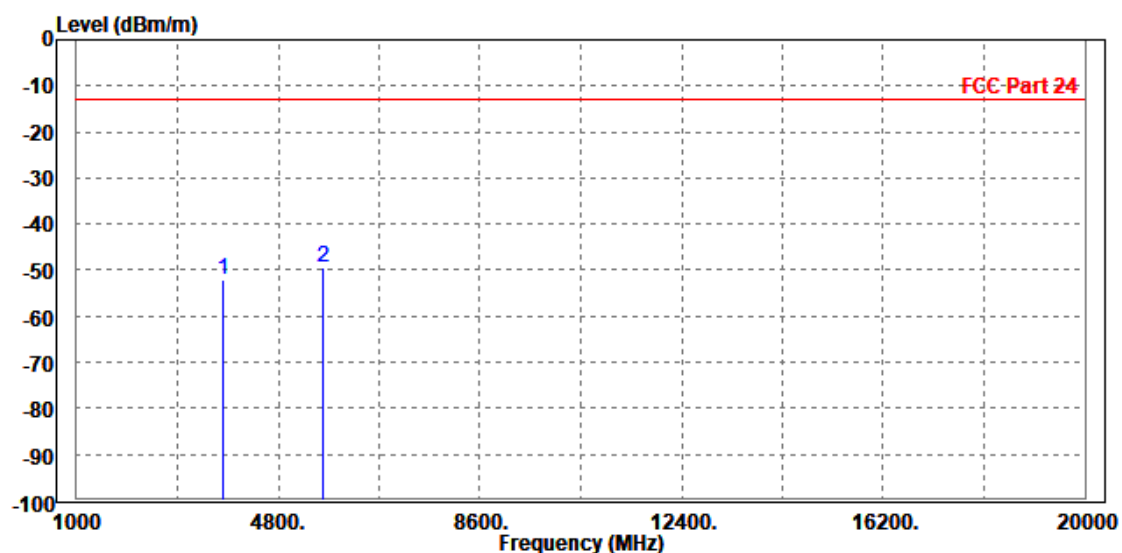
MODE	TX channel 376500	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3774.000	-51.78	-59.80	-13.00	-38.78	8.02	Peak	Horizontal
2 PP	5647.500	-49.85	-60.61	-13.00	-36.85	10.76	Peak	Horizontal



MODE	TX channel 376500	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

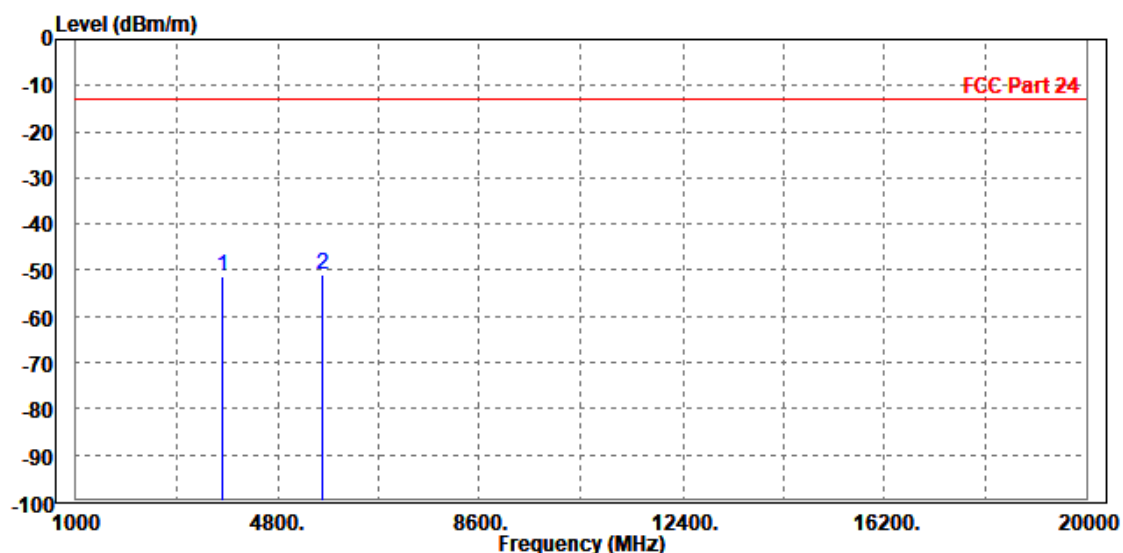
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3765.000	-52.22	-59.92	-13.00	-39.22	7.70	Peak	Vertical
2 PP	5655.000	-49.53	-60.70	-13.00	-36.53	11.17	Peak	Vertical



CHANNEL BANDWIDTH: 20MHz / QPSK

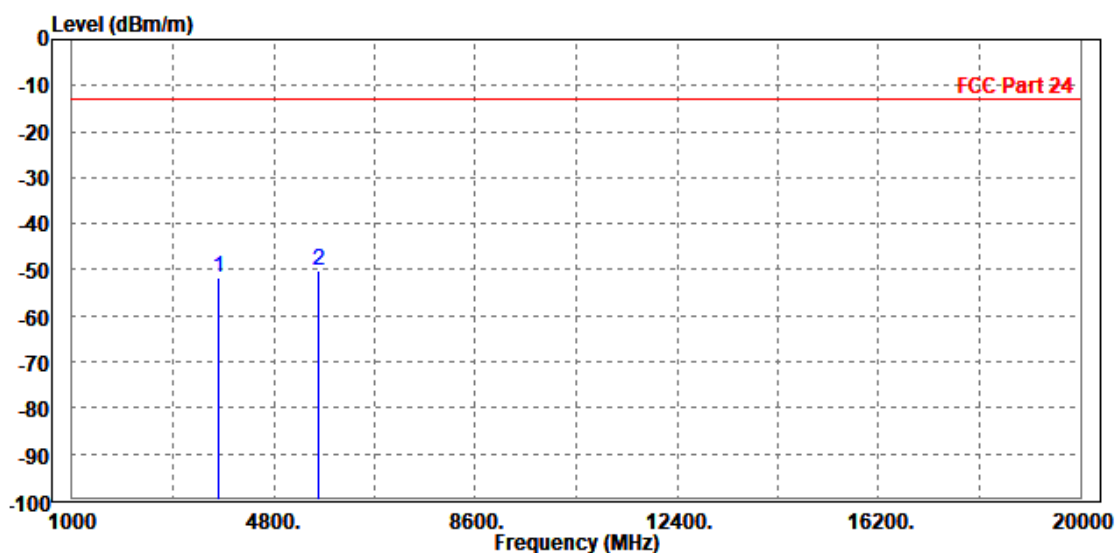
MODE	TX channel 376500	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3774.000	-51.33	-59.35	-13.00	-38.33	8.02	Peak	Horizontal
2 PP	5647.500	-50.95	-61.71	-13.00	-37.95	10.76	Peak	Horizontal



MODE	TX channel 376500	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

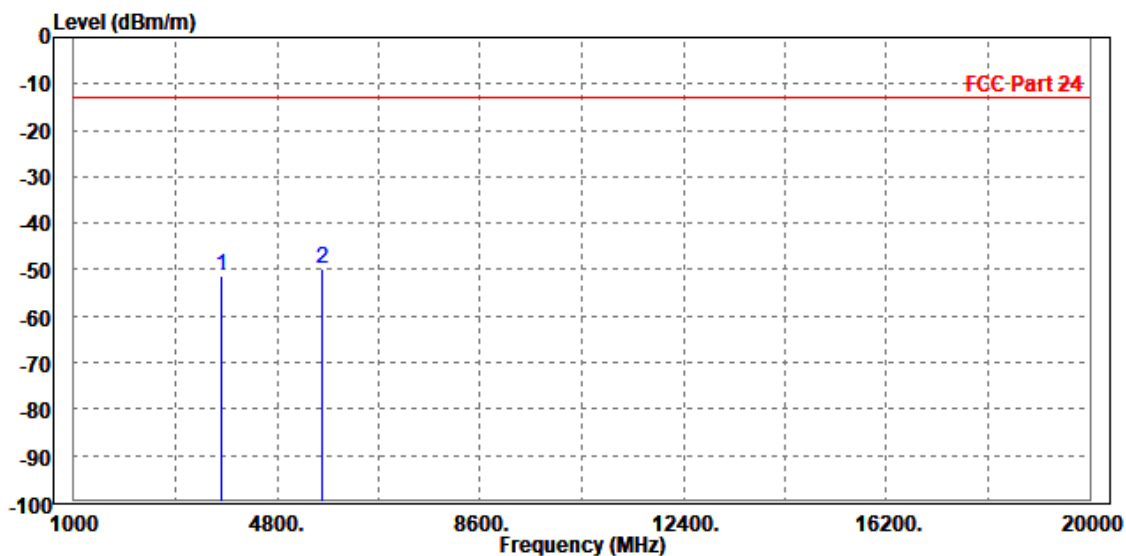
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3774.000	-51.55	-59.27	-13.00	-38.55	7.72	Peak	Vertical
2 PP	5647.500	-50.38	-61.53	-13.00	-37.38	11.15	Peak	Vertical



CHANNEL BANDWIDTH: 25MHz / QPSK

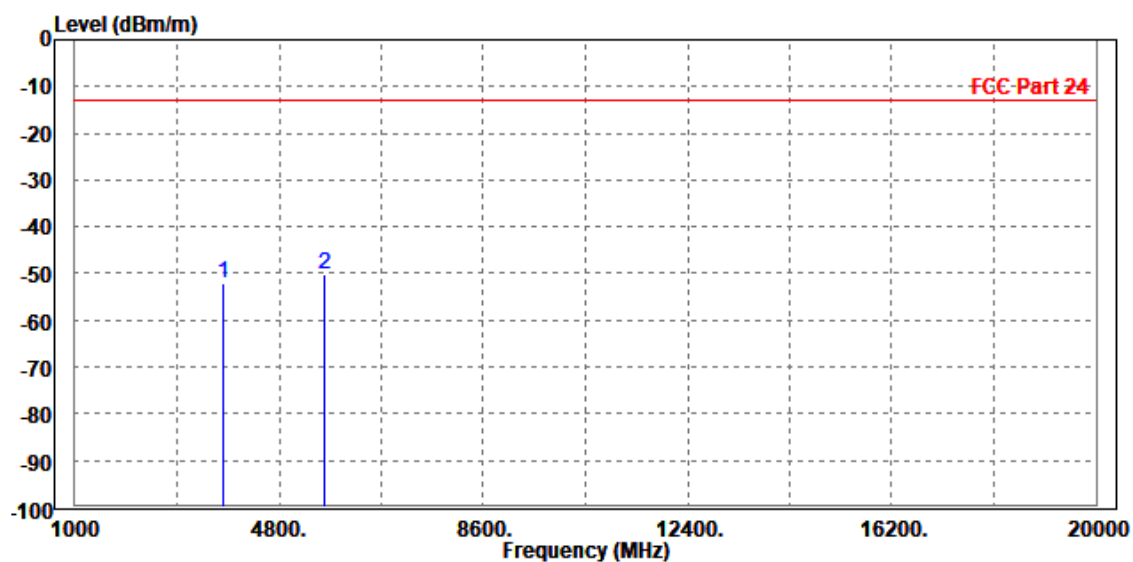
MODE	TX channel 376500	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3765.000	-51.34	-59.34	-13.00	-38.34	8.00	Peak	Horizontal
2 PP	5655.000	-49.79	-60.56	-13.00	-36.79	10.77	Peak	Horizontal



MODE	TX channel 376500	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

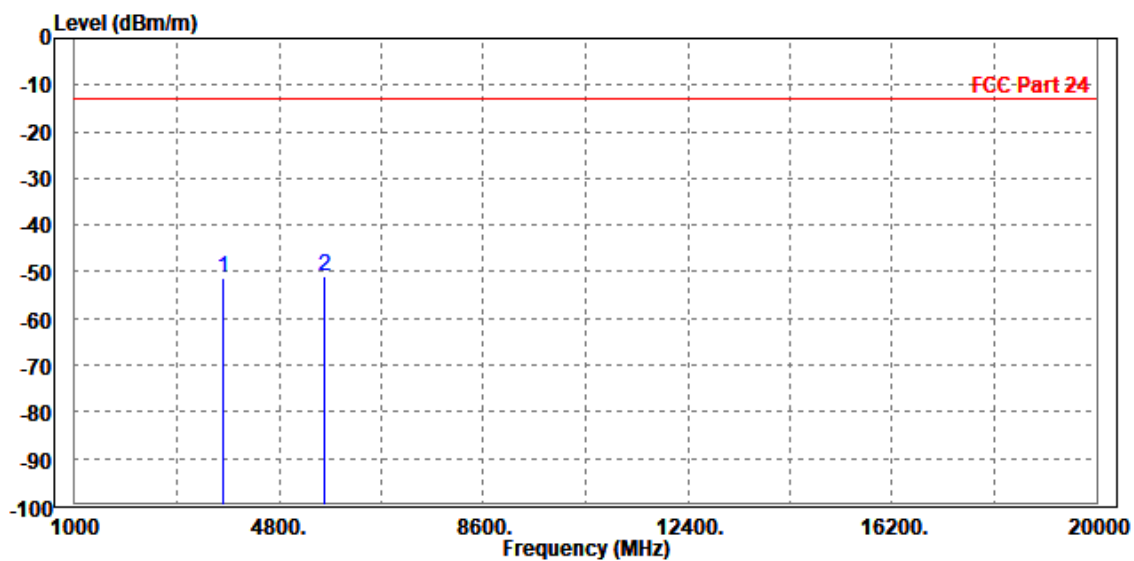
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3774.000	-52.27	-59.99	-13.00	-39.27	7.72	Peak	Vertical
2	PP 5647.500	-50.13	-61.28	-13.00	-37.13	11.15	Peak	Vertical



CHANNEL BANDWIDTH: 30MHz / QPSK

MODE	TX channel 376500	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3774.000	-51.16	-59.18	-13.00	-38.16	8.02	Peak	Horizontal
2 PP	5647.500	-51.09	-61.85	-13.00	-38.09	10.76	Peak	Horizontal

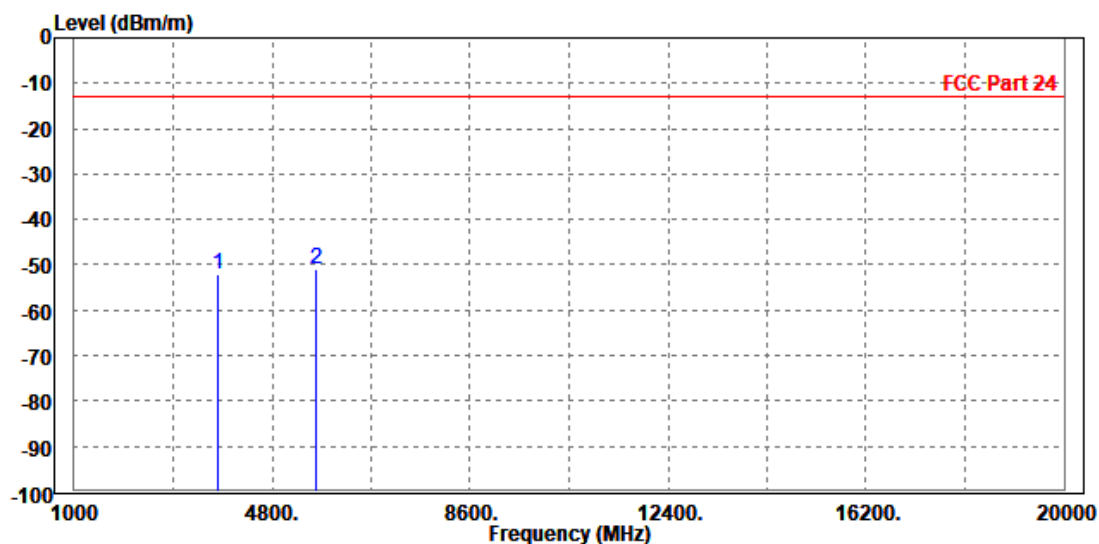




Test Report No.: PSU-QSU2306260109R10

MODE	TX channel 376500	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3765.000	-52.04	-59.74	-13.00	-39.04	7.70	Peak	Vertical
2 PP	5655.000	-50.89	-62.06	-13.00	-37.89	11.17	Peak	Vertical

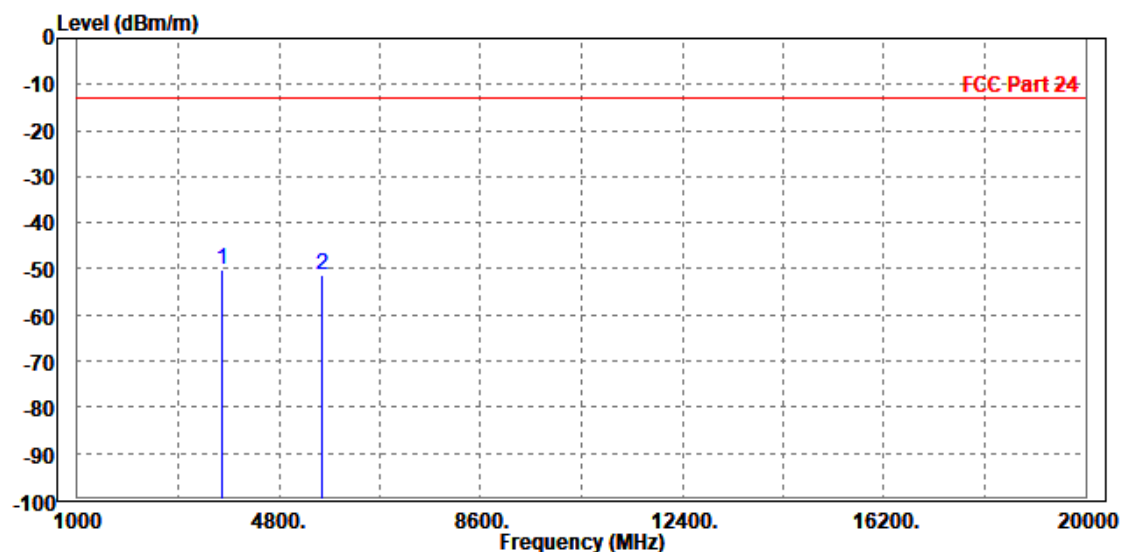


CHANNEL BANDWIDTH: 40MHz / QPSK

CH374000

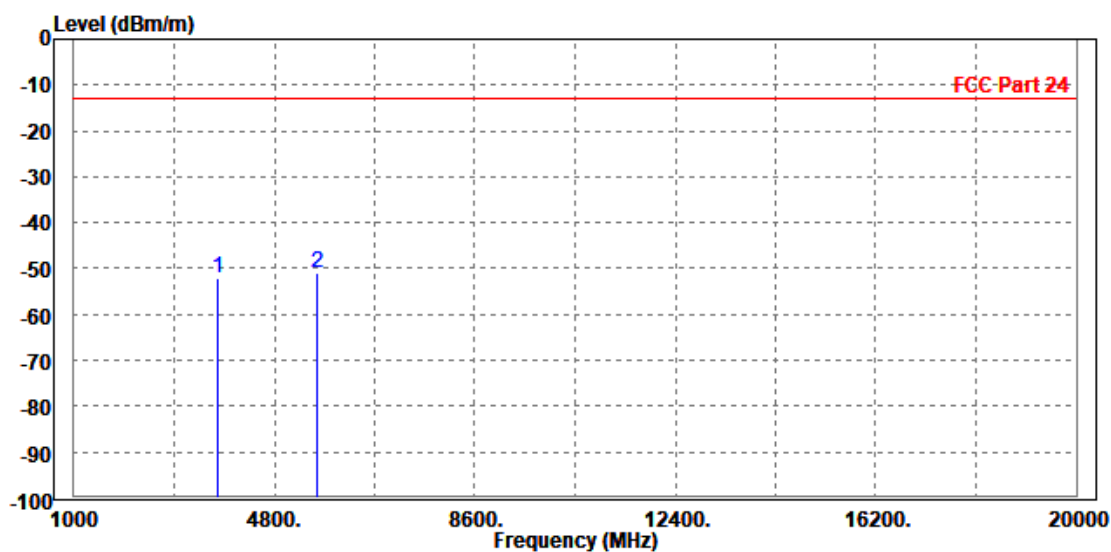
MODE	TX channel 374000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	PP 3736.000	-50.05	-57.98	-13.00	-37.05	7.93	Peak	Horizontal
2	5610.000	-51.16	-61.84	-13.00	-38.16	10.68	Peak	Horizontal



MODE	TX channel 374000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3740.000	-52.09	-59.76	-13.00	-39.09	7.67	Peak	Vertical
2 PP	5617.000	-51.00	-62.06	-13.00	-38.00	11.06	Peak	Vertical



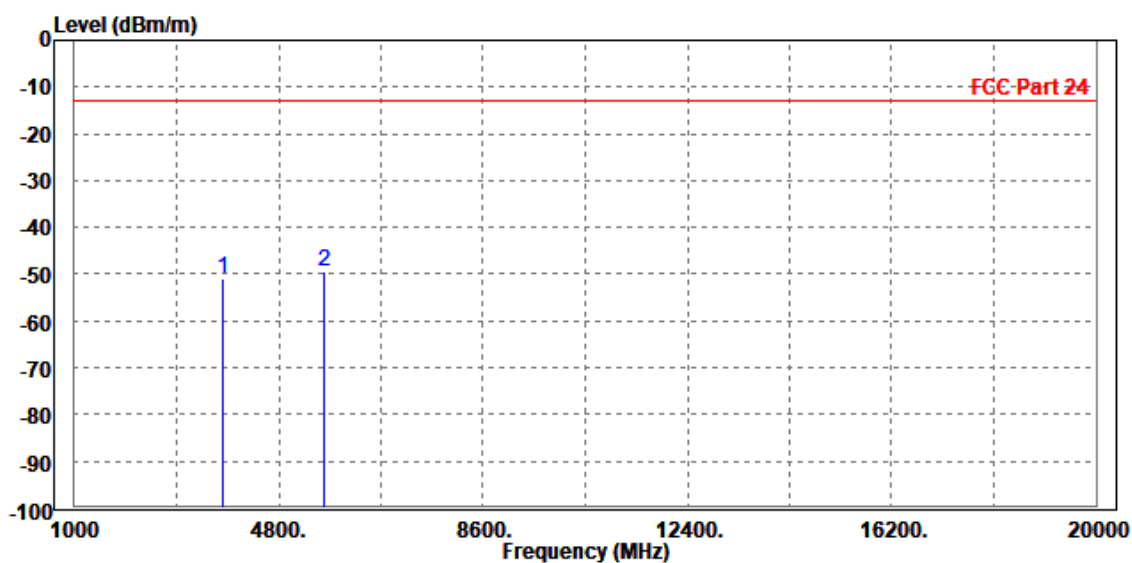


Test Report No.: PSU-QSU2306260109R10

CH376500

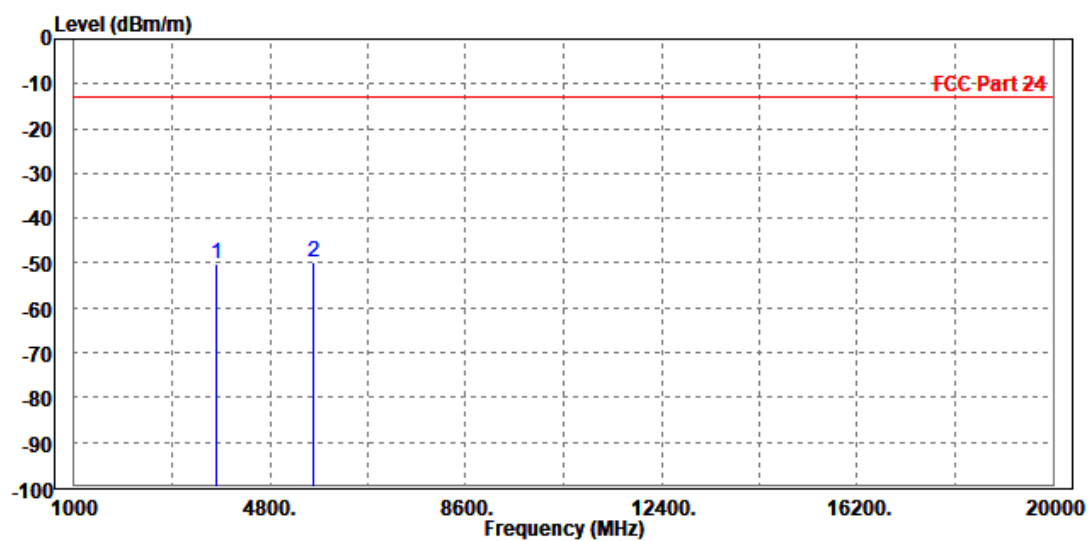
MODE	TX channel 376500	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3765.000	-51.14	-59.14	-13.00	-38.14	8.00	Peak	Horizontal
2 PP	5655.000	-49.55	-60.32	-13.00	-36.55	10.77	Peak	Horizontal



MODE	TX channel 376500	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

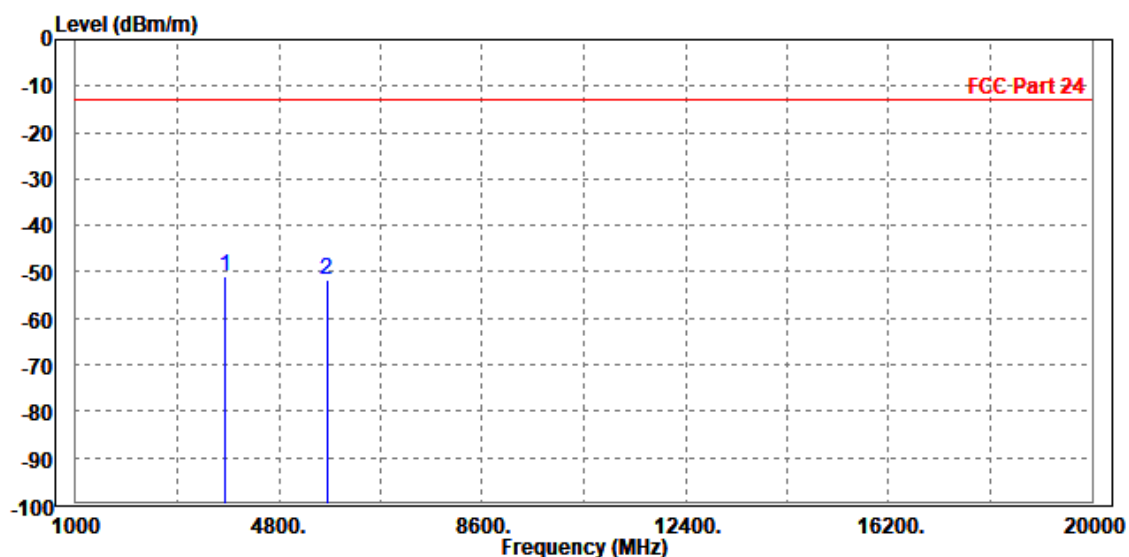
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3774.000	-50.25	-57.97	-13.00	-37.25	7.72	Peak	Vertical
2	PP 5647.500	-49.87	-61.02	-13.00	-36.87	11.15	Peak	Vertical



CH379000

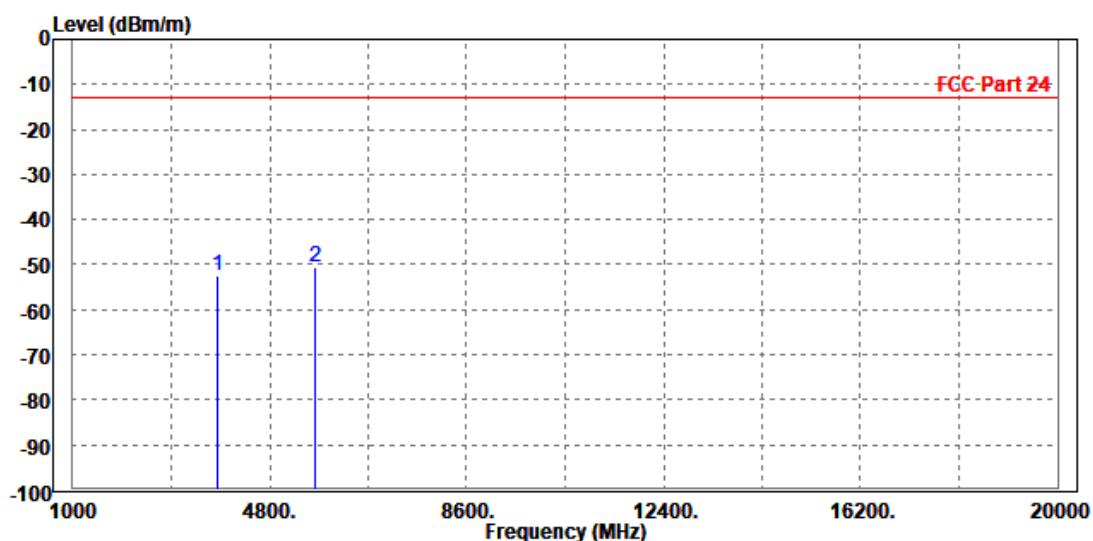
MODE	TX channel 379000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	PP 3790.000	-50.83	-58.89	-13.00	-37.83	8.06	Peak	Horizontal
2	5693.000	-51.70	-62.54	-13.00	-38.70	10.84	Peak	Horizontal



MODE	TX channel 379000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3793.000	-52.41	-60.15	-13.00	-39.41	7.74	Peak	Vertical
2 PP	5685.000	-50.74	-62.00	-13.00	-37.74	11.26	Peak	Vertical



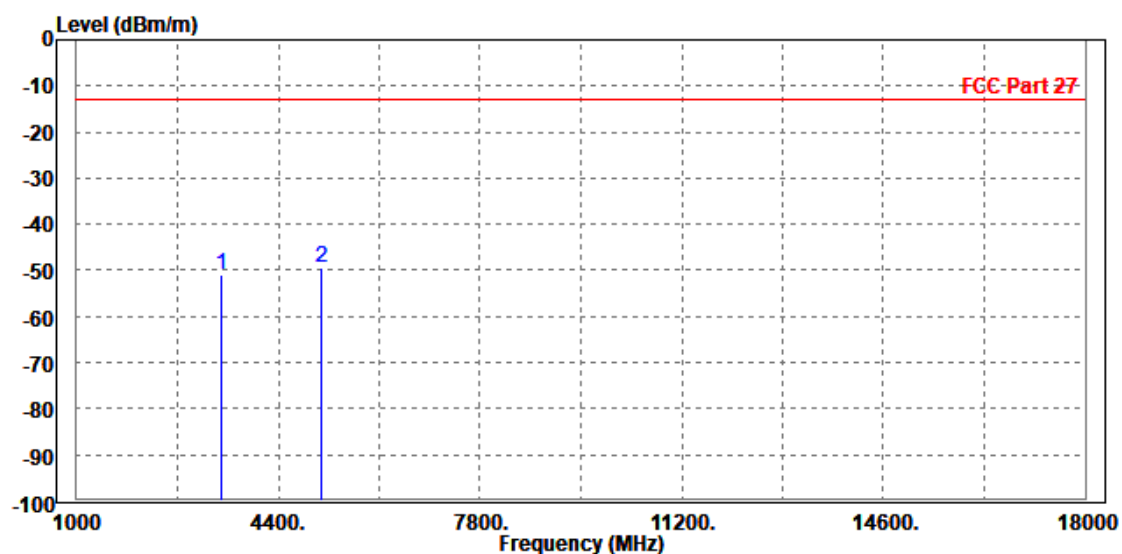
N66

CHANNEL BANDWIDTH: 5MHz / QPSK

CH342500

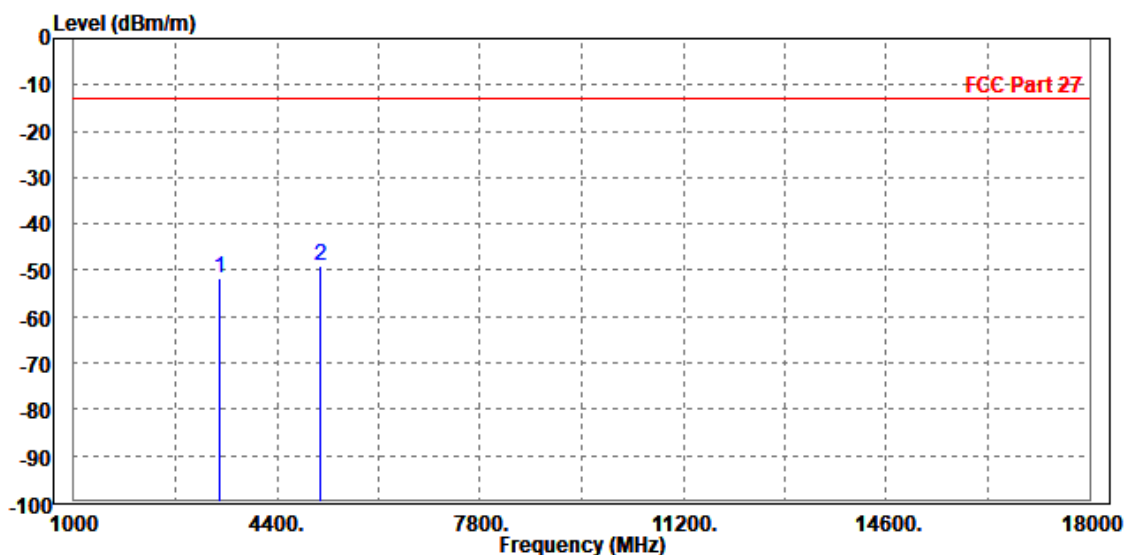
MODE	TX channel 342500	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3431.000	-50.97	-58.20	-13.00	-37.97	7.23	Peak	Horizontal
2 PP	5137.500	-49.59	-59.50	-13.00	-36.59	9.91	Peak	Horizontal



MODE	TX channel 342500	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3431.000	-51.82	-59.03	-13.00	-38.82	7.21	Peak	Vertical
2 PP	5131.000	-49.17	-59.56	-13.00	-36.17	10.39	Peak	Vertical





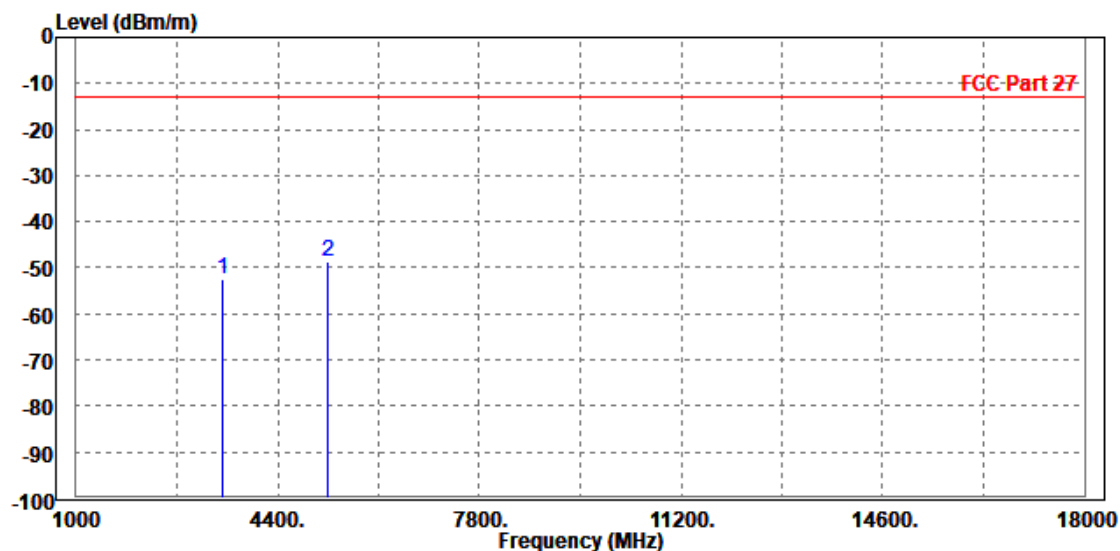
BUREAU
VERITAS

Test Report No.: PSU-QSU2306260109R10

CH349000

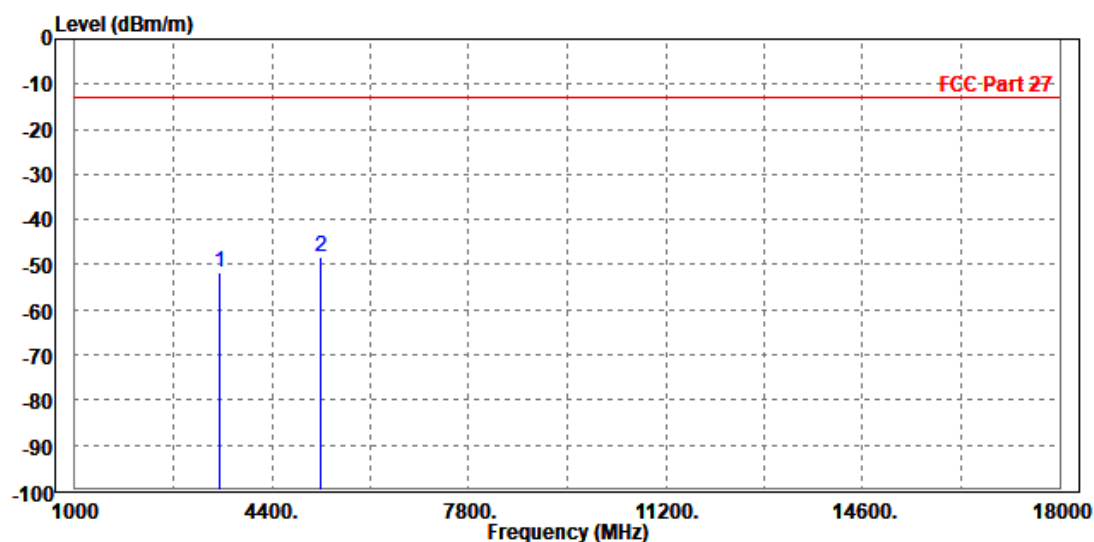
MODE	TX channel 349000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3482.000	-52.33	-59.63	-13.00	-39.33	7.30	Peak	Horizontal
2 PP	5235.000	-48.84	-58.90	-13.00	-35.84	10.06	Peak	Horizontal



MODE	TX channel 349000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3490.000	-51.65	-58.95	-13.00	-38.65	7.30	Peak	Vertical
2 PP	5233.000	-48.41	-58.89	-13.00	-35.41	10.48	Peak	Vertical





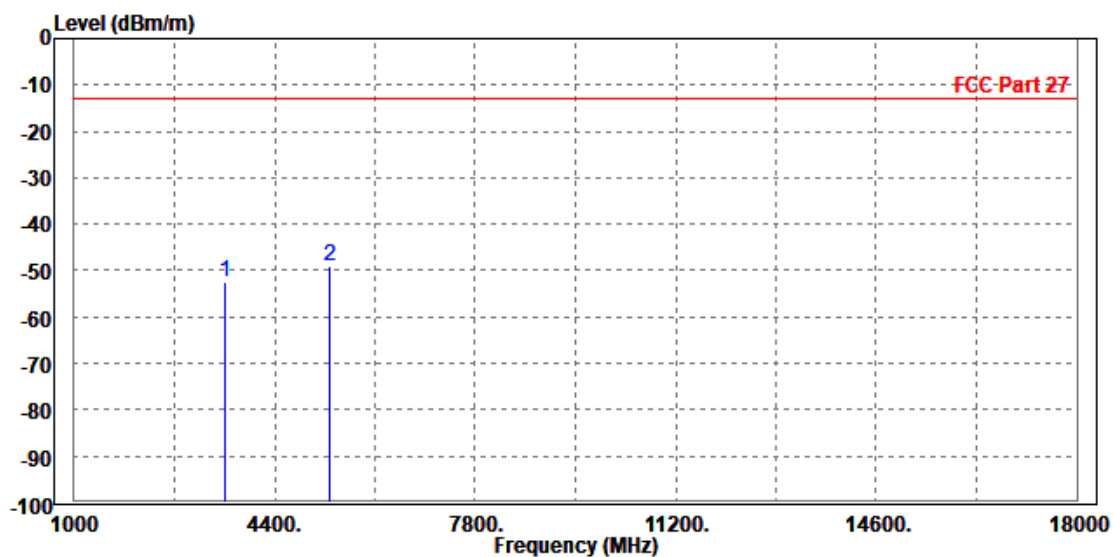
BUREAU
VERITAS

Test Report No.: PSU-QSU2306260109R10

CH355500

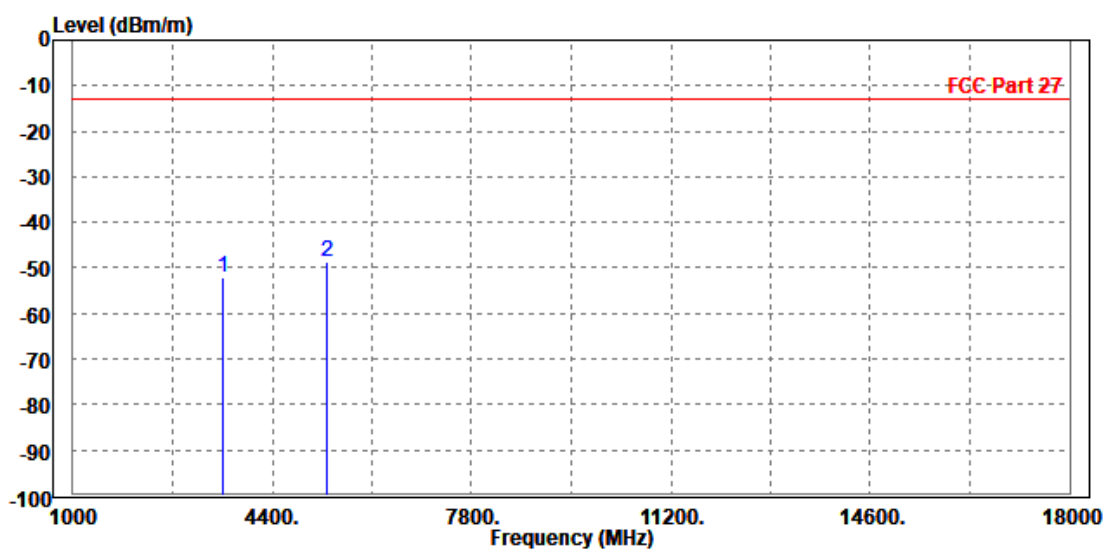
MODE	TX channel 355500	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3555.000	-52.29	-59.75	-13.00	-39.29	7.46	Peak	Horizontal
2 PP	5335.000	-48.90	-59.12	-13.00	-35.90	10.22	Peak	Horizontal



MODE	TX channel 355500	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

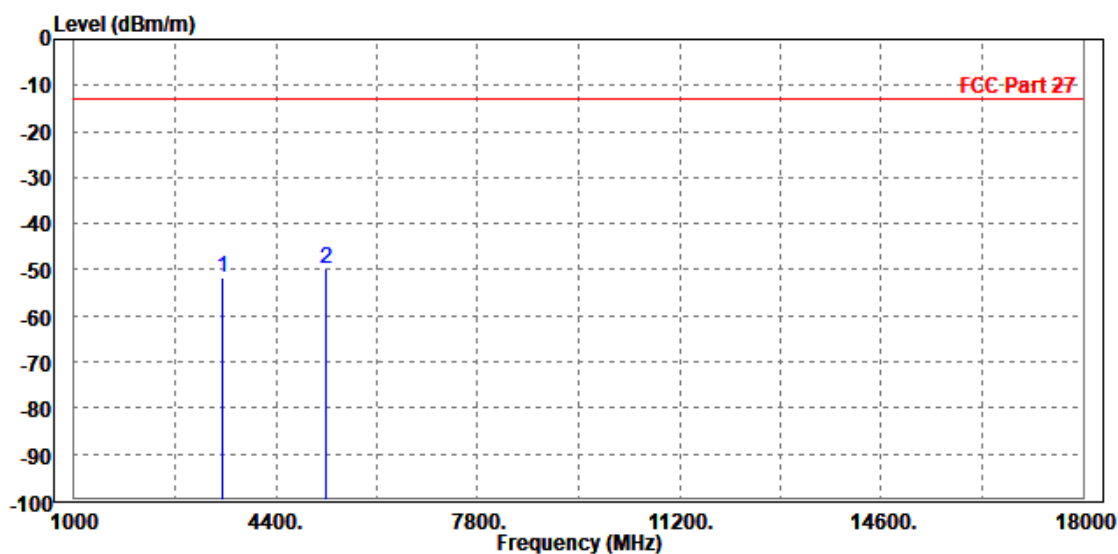
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3550.000	-51.91	-59.30	-13.00	-38.91	7.39	Peak	Vertical
2 PP	5332.500	-48.49	-59.06	-13.00	-35.49	10.57	Peak	Vertical



CHANNEL BANDWIDTH: 10MHz / QPSK

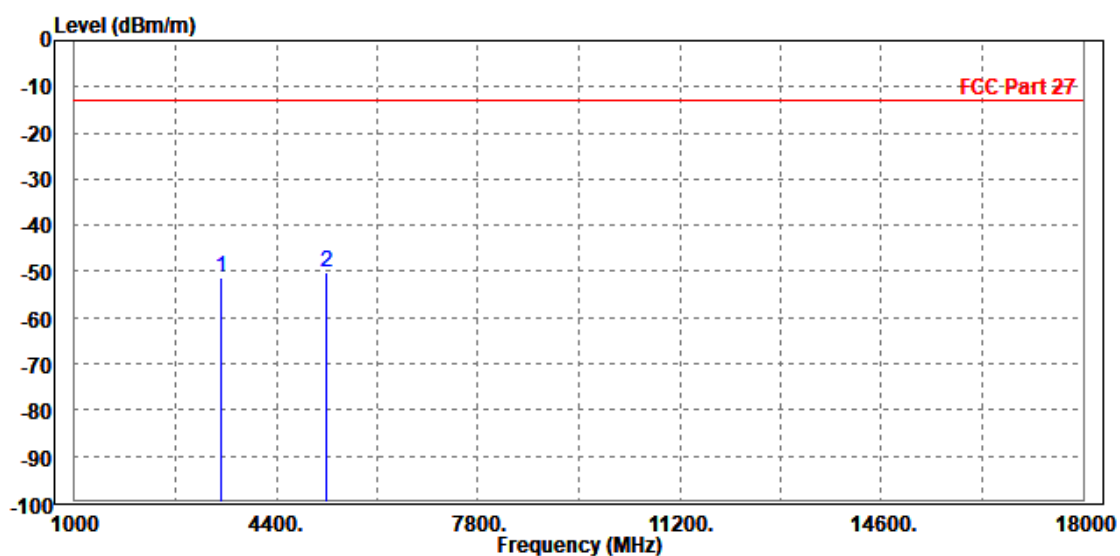
MODE	TX channel 349000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3490.000	-51.53	-58.84	-13.00	-38.53	7.31	Peak	Horizontal
2 PP	5233.000	-49.93	-59.99	-13.00	-36.93	10.06	Peak	Horizontal



MODE	TX channel 349000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3482.000	-51.43	-58.73	-13.00	-38.43	7.30	Peak	Horizontal
2 PP	5235.000	-50.35	-60.41	-13.00	-37.35	10.06	Peak	Horizontal





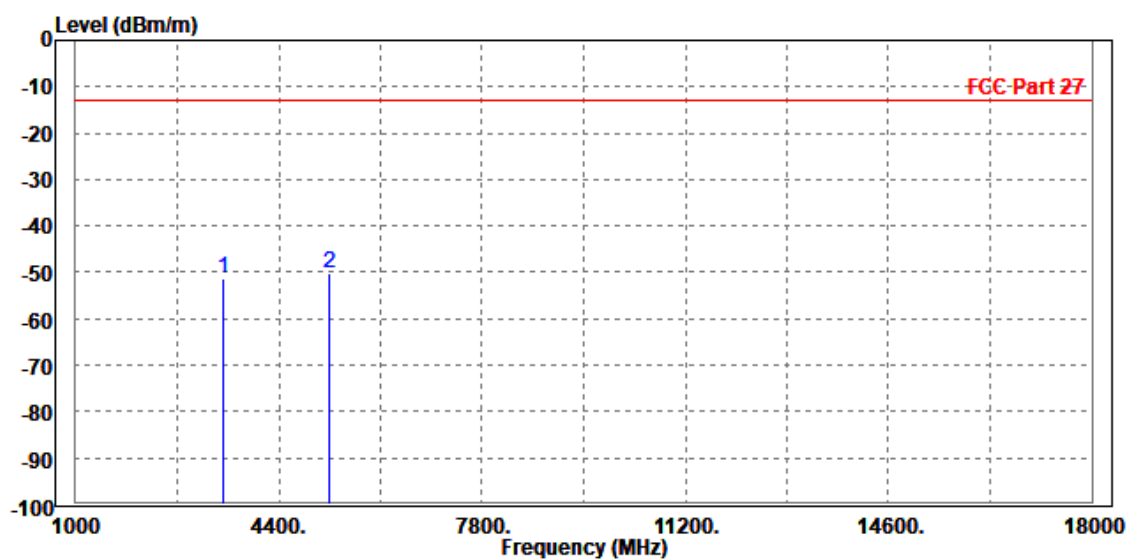
BUREAU
VERITAS

Test Report No.: PSU-QSU2306260109R10

CHANNEL BANDWIDTH: 15MHz / QPSK

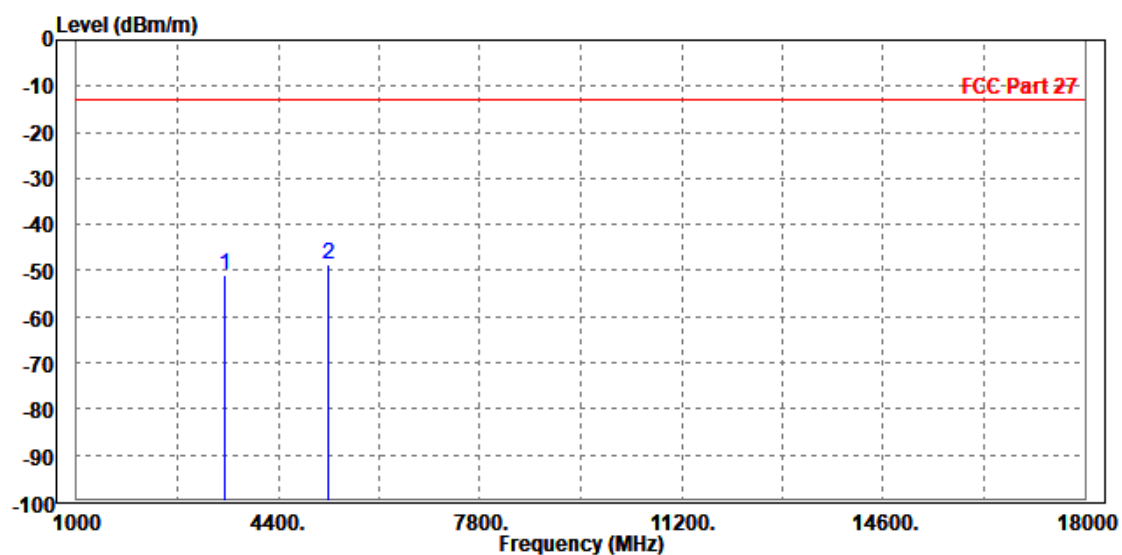
MODE	TX channel 349000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3482.000	-51.43	-58.73	-13.00	-38.43	7.30	Peak	Horizontal
2 PP	5235.000	-50.35	-60.41	-13.00	-37.35	10.06	Peak	Horizontal



MODE	TX channel 349000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3490.000	-50.92	-58.22	-13.00	-37.92	7.30	Peak	Vertical
2 PP	5233.000	-48.69	-59.17	-13.00	-35.69	10.48	Peak	Vertical





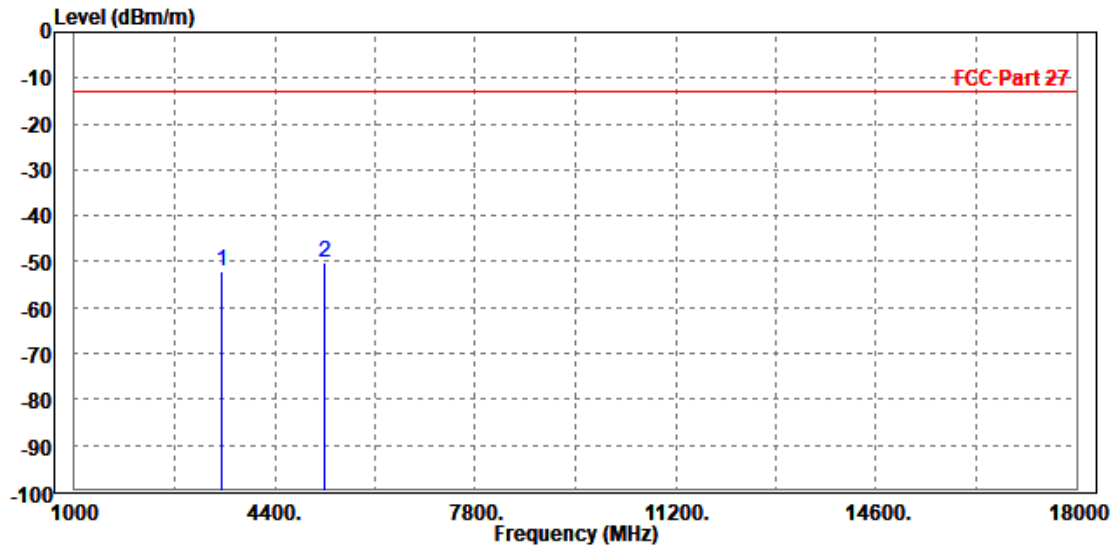
BUREAU
VERITAS

Test Report No.: PSU-QSU2306260109R10

CHANNEL BANDWIDTH: 20MHz / QPSK

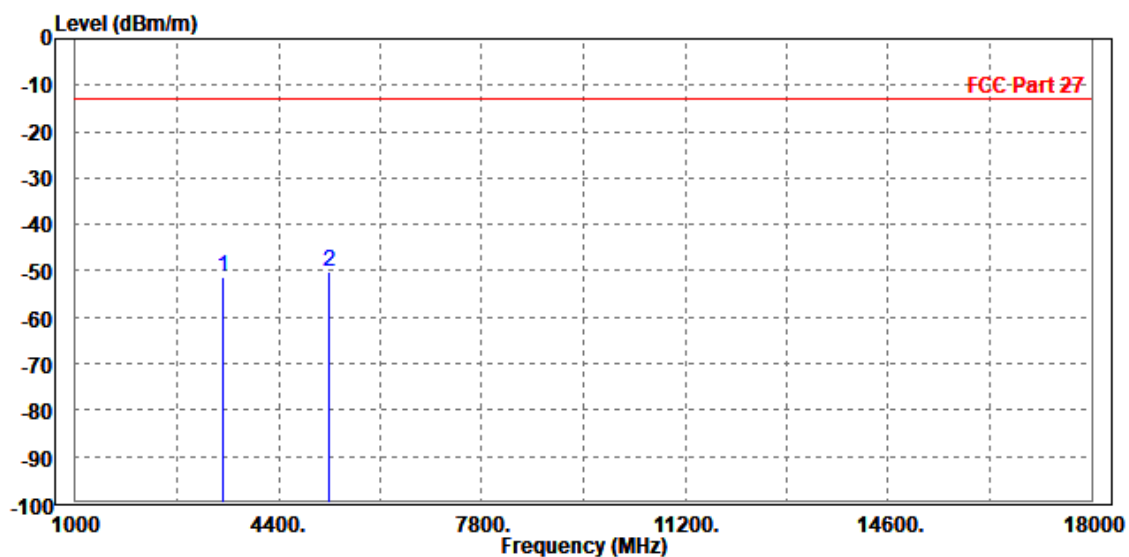
MODE	TX channel 349000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3490.000	-52.07	-59.38	-13.00	-39.07	7.31	Peak	Horizontal
2 PP	5233.000	-50.25	-60.31	-13.00	-37.25	10.06	Peak	Horizontal



MODE	TX channel 349000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3482.000	-51.45	-58.74	-13.00	-38.45	7.29	Peak	Vertical
2	PP 5235.000	-50.06	-60.54	-13.00	-37.06	10.48	Peak	Vertical





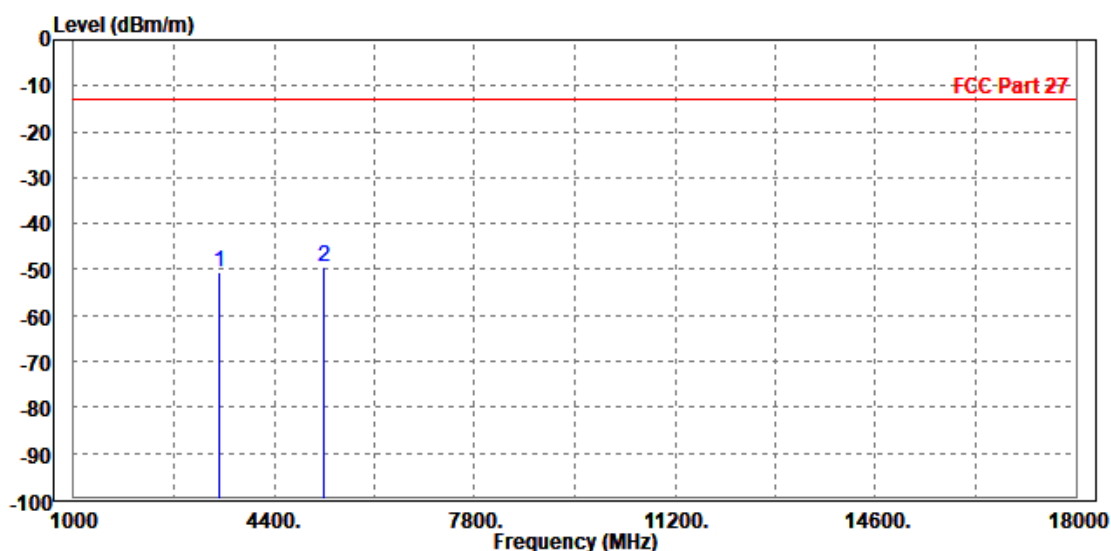
BUREAU
VERITAS

Test Report No.: PSU-QSU2306260109R10

CHANNEL BANDWIDTH: 30MHz / QPSK

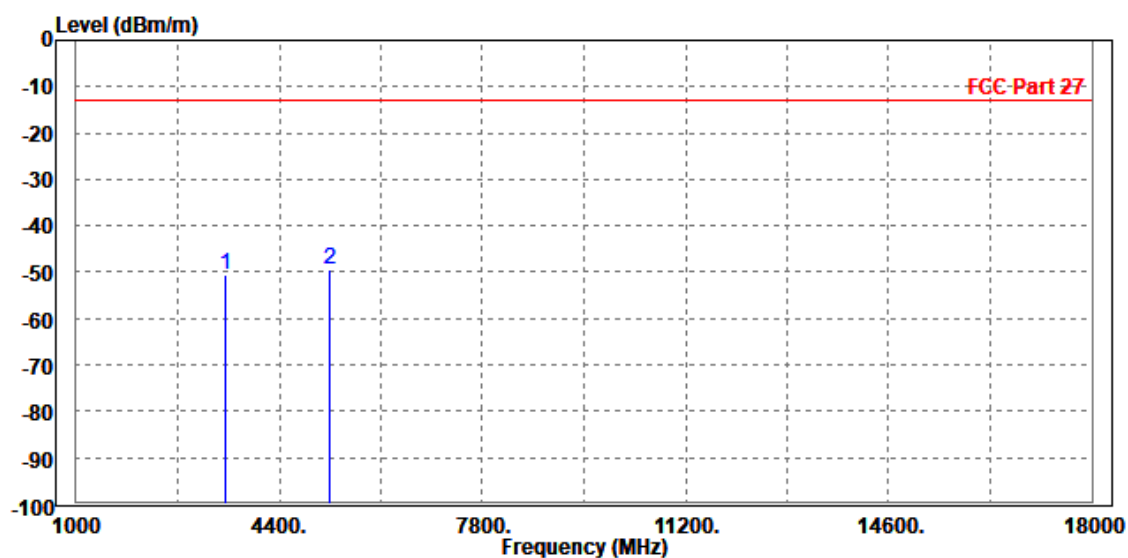
MODE	TX channel 349000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3482.000	-50.71	-58.01	-13.00	-37.71	7.30	Peak	Horizontal
2 PP	5235.000	-49.54	-59.60	-13.00	-36.54	10.06	Peak	Horizontal



MODE	TX channel 349000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3490.000	-50.50	-57.80	-13.00	-37.50	7.30	Peak	Vertical
2 PP	5233.000	-49.37	-59.85	-13.00	-36.37	10.48	Peak	Vertical





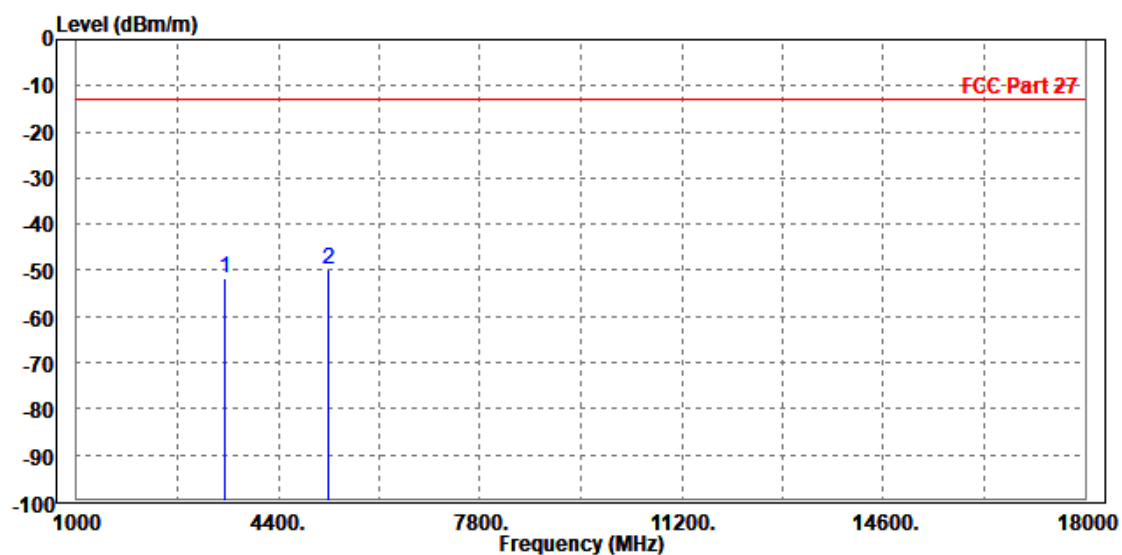
BUREAU
VERITAS

Test Report No.: PSU-QSU2306260109R10

CHANNEL BANDWIDTH: 40MHz / QPSK

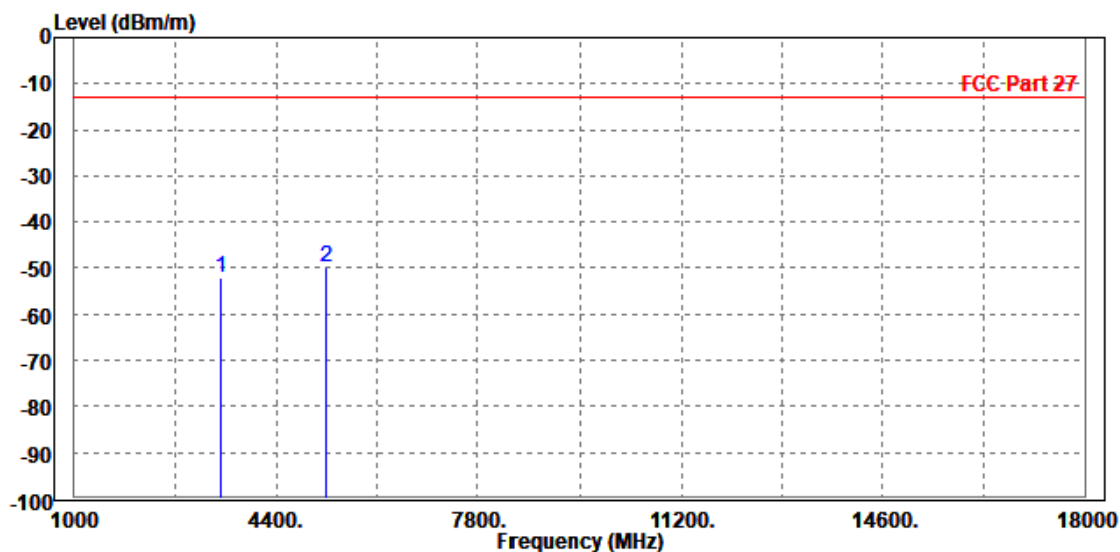
MODE	TX channel 349000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3490.000	-51.73	-59.04	-13.00	-38.73	7.31	Peak	Horizontal
2 PP	5233.000	-49.95	-60.01	-13.00	-36.95	10.06	Peak	Horizontal



MODE	TX channel 349000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3482.000	-52.06	-59.35	-13.00	-39.06	7.29	Peak	Vertical
2 PP	5235.000	-49.65	-60.13	-13.00	-36.65	10.48	Peak	Vertical





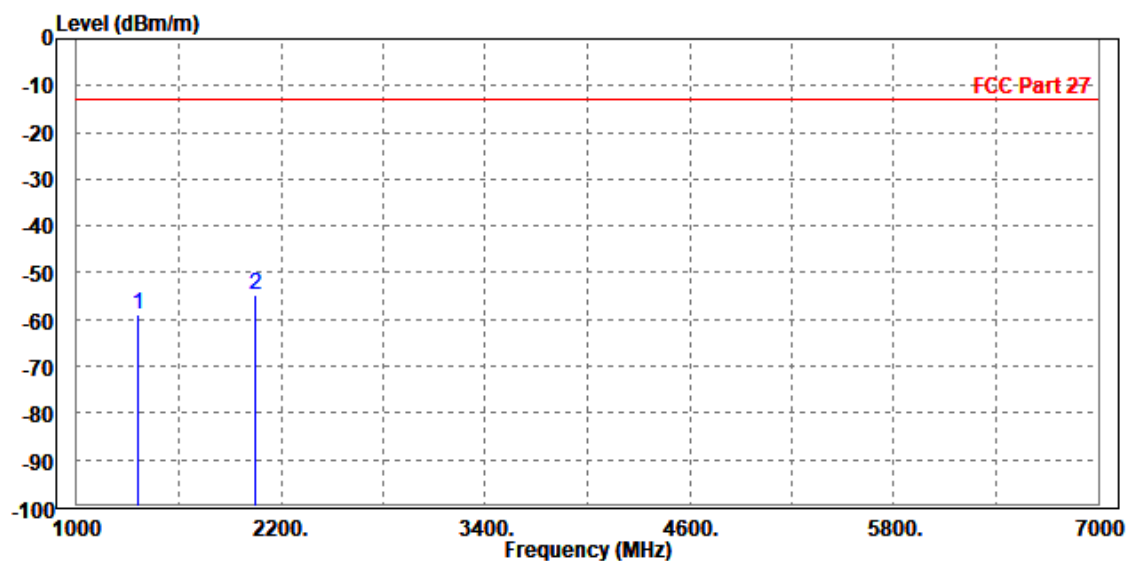
Test Report No.: PSU-QSU2306260109R10

N71

CHANNEL BANDWIDTH: 5MHz / QPSK

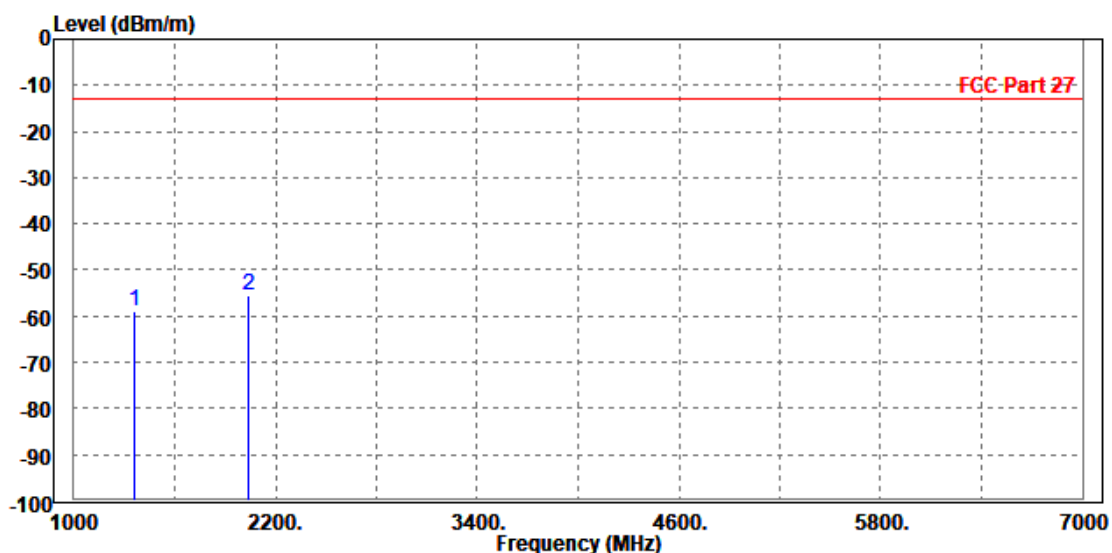
MODE	TX channel 136100	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	1361.000	-58.76	-57.97	-13.00	-45.76	-0.79	Peak	Horizontal
2 PP	2044.000	-54.70	-58.48	-13.00	-41.70	3.78	Peak	Horizontal



MODE	TX channel 136100	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

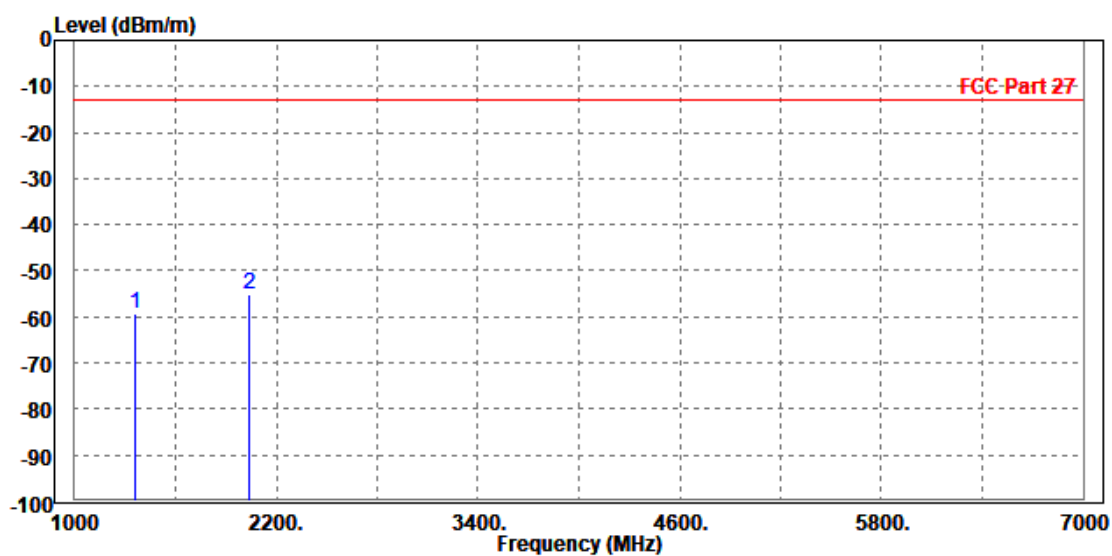
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	1360.000	-59.06	-58.41	-13.00	-46.06	-0.65	Peak	Vertical
2 PP	2041.500	-55.61	-59.31	-13.00	-42.61	3.70	Peak	Vertical



CHANNEL BANDWIDTH: 10MHz / QPSK

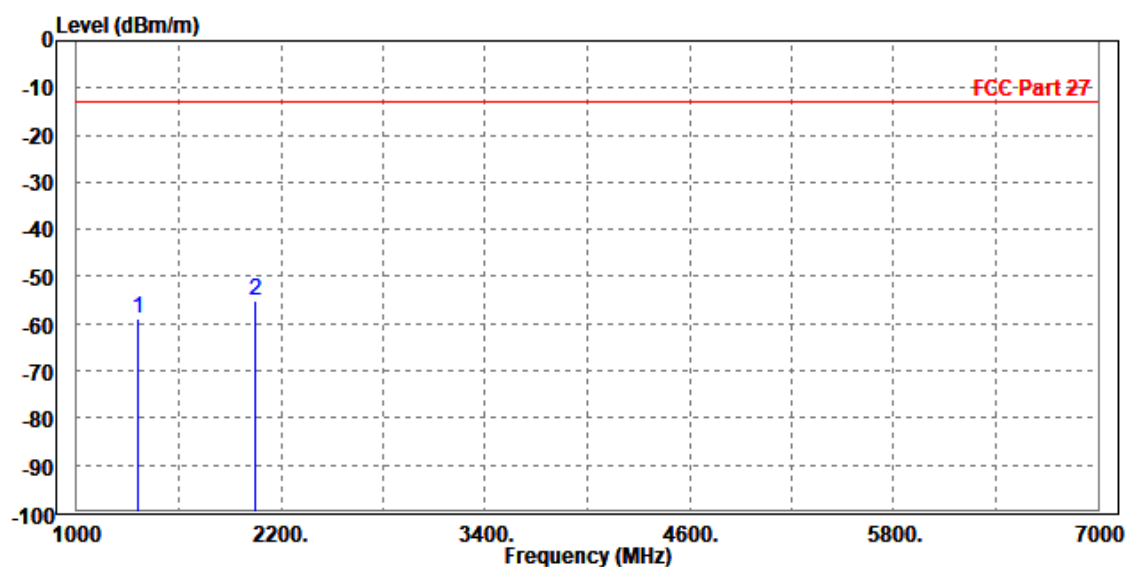
MODE	TX channel 136100	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	1360.000	-59.49	-58.70	-13.00	-46.49	-0.79	Peak	Horizontal
2 PP	2041.500	-55.29	-59.06	-13.00	-42.29	3.77	Peak	Horizontal



MODE	TX channel 136100	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

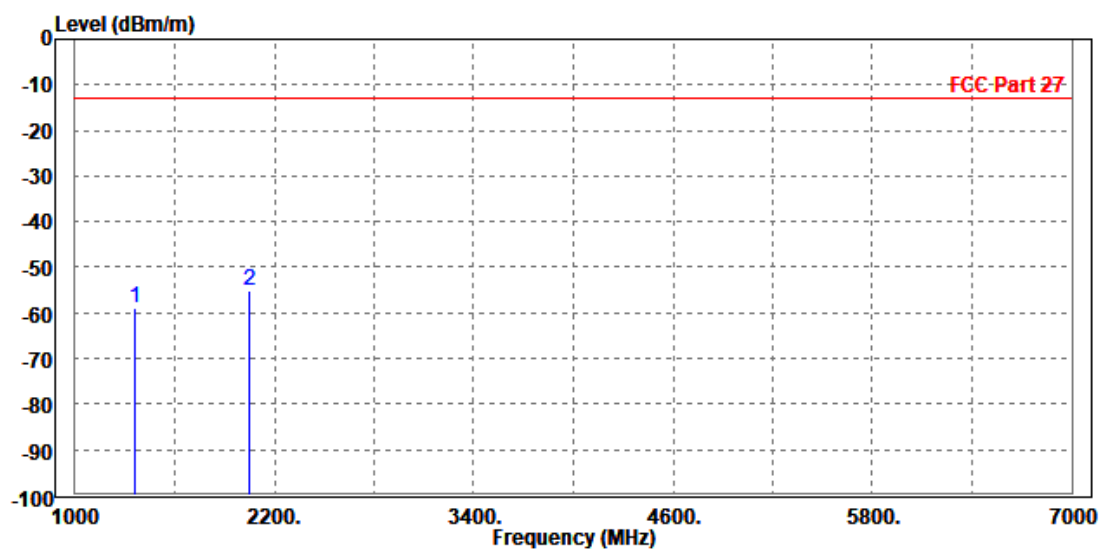
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	1361.000	-58.81	-58.17	-13.00	-45.81	-0.64	Peak	Vertical
2 PP	2044.000	-55.25	-58.95	-13.00	-42.25	3.70	Peak	Vertical



CHANNEL BANDWIDTH: 15MHz / QPSK

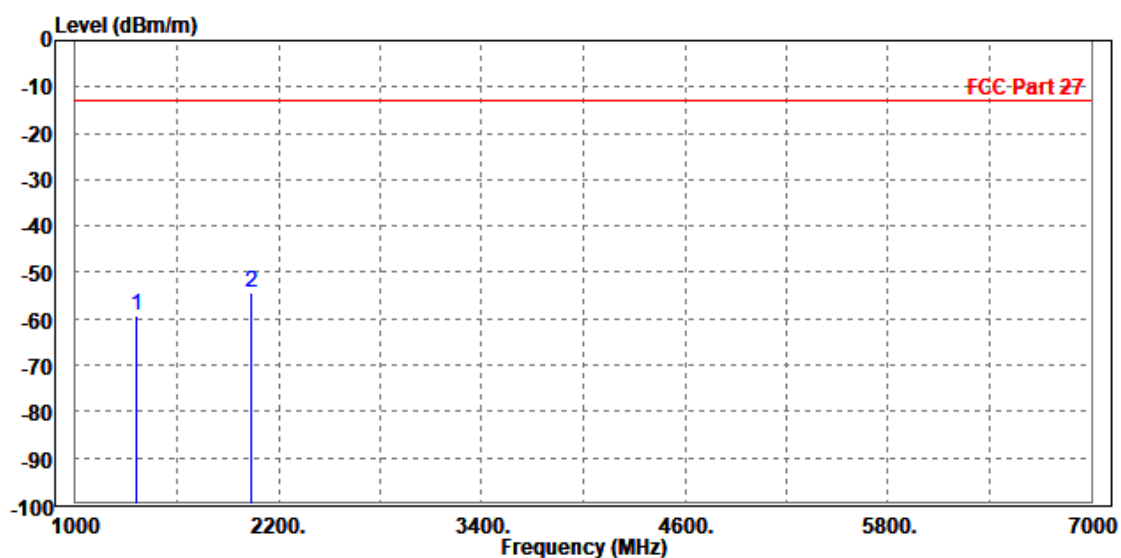
MODE	TX channel 136100	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	1361.000	-58.86	-58.07	-13.00	-45.86	-0.79	Peak	Horizontal
2 PP	2044.000	-55.15	-58.93	-13.00	-42.15	3.78	Peak	Horizontal



MODE	TX channel 136100	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	1360.000	-59.48	-58.83	-13.00	-46.48	-0.65	Peak	Vertical
2 PP	2041.500	-54.39	-58.09	-13.00	-41.39	3.70	Peak	Vertical

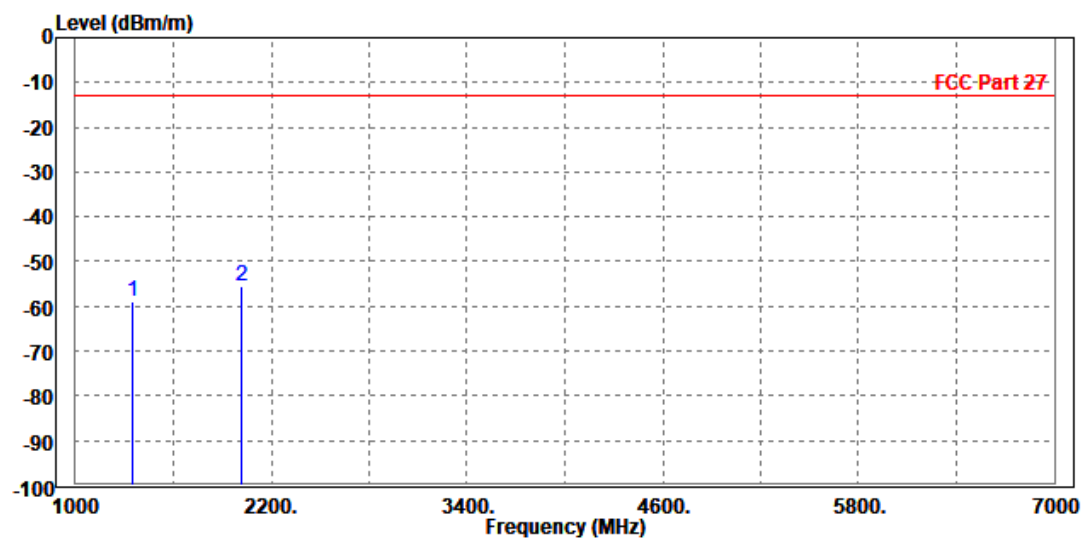


CHANNEL BANDWIDTH: 20MHz / QPSK

CH134600

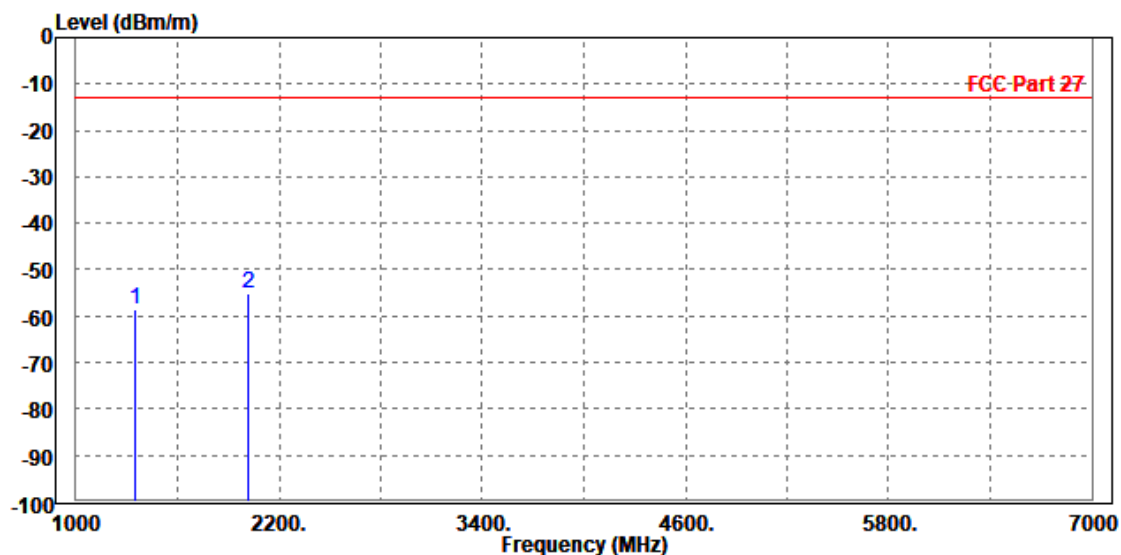
MODE	TX channel 134600	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	1348.000	-58.82	-58.00	-13.00	-45.82	-0.82	Peak	Horizontal
2 PP	2019.000	-55.38	-59.07	-13.00	-42.38	3.69	Peak	Horizontal



MODE	TX channel 134600	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	1346.000	-58.63	-57.92	-13.00	-45.63	-0.71	Peak	Vertical
2 PP	2020.000	-54.97	-58.61	-13.00	-41.97	3.64	Peak	Vertical



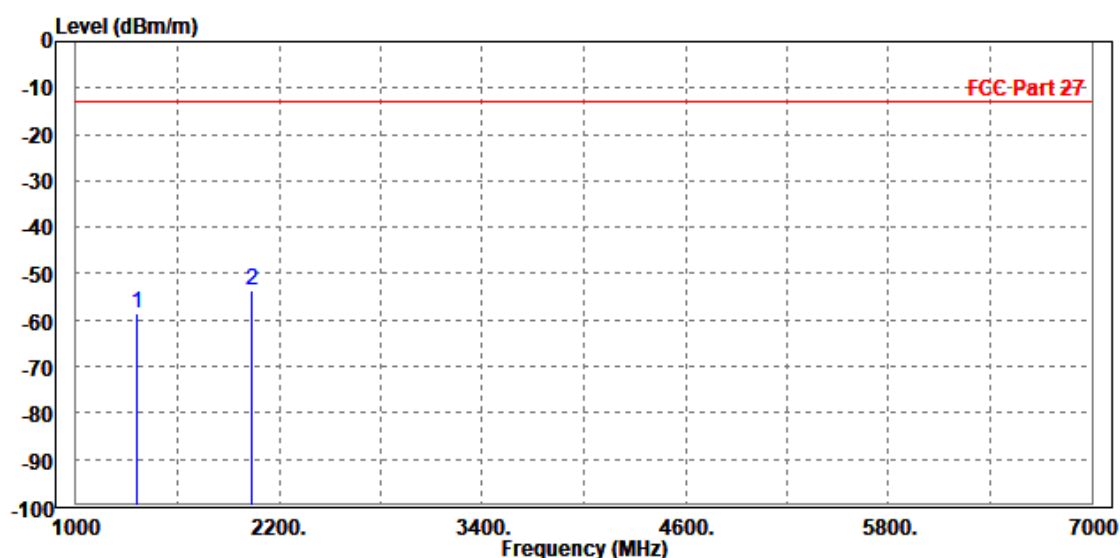


Test Report No.: PSU-QSU2306260109R10

CH136100

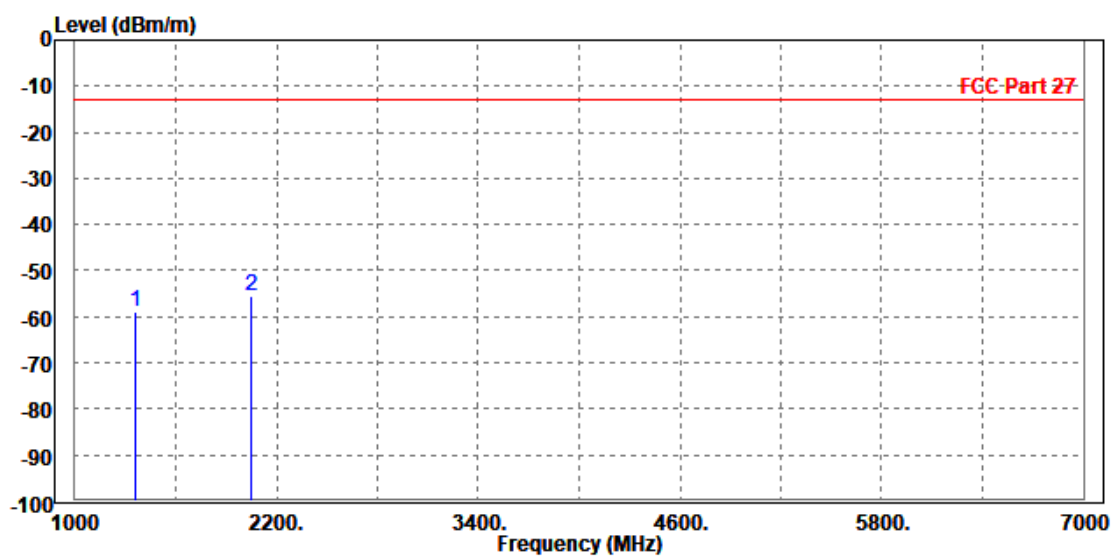
MODE	TX channel 136100	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	1360.000	-58.49	-57.70	-13.00	-45.49	-0.79	Peak	Horizontal
2 PP	2041.500	-53.71	-57.48	-13.00	-40.71	3.77	Peak	Horizontal



MODE	TX channel 136100	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

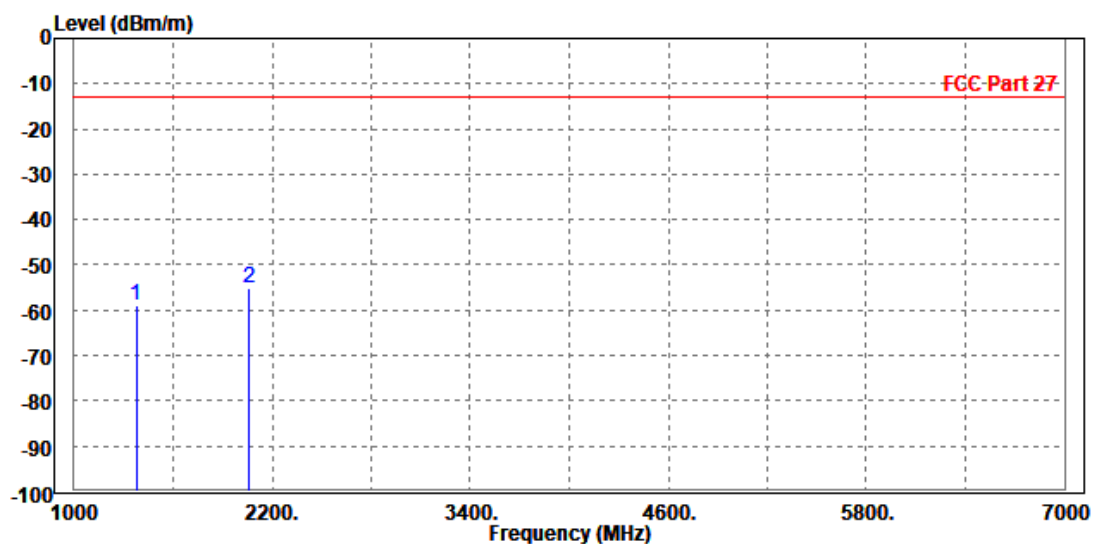
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	1361.000	-58.96	-58.32	-13.00	-45.96	-0.64	Peak	Vertical
2 PP	2044.000	-55.42	-59.12	-13.00	-42.42	3.70	Peak	Vertical



CH137600

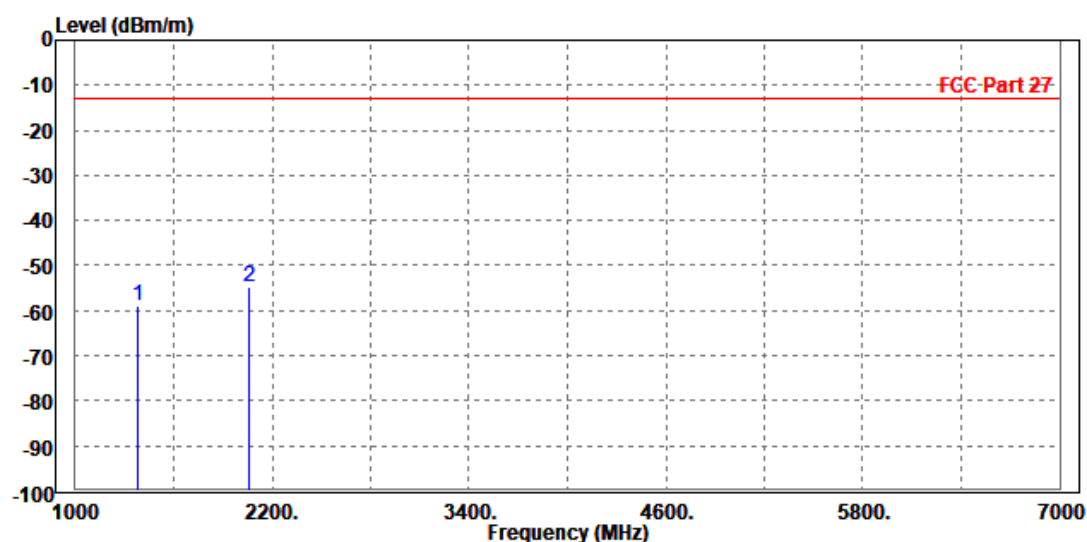
MODE	TX channel 137600	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	1376.000	-58.96	-58.21	-13.00	-45.96	-0.75	Peak	Horizontal
2 PP	2062.000	-55.17	-59.01	-13.00	-42.17	3.84	Peak	Horizontal



MODE	TX channel 137600	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	1378.000	-58.92	-58.35	-13.00	-45.92	-0.57	Peak	Vertical
2 PP	2064.000	-54.85	-58.61	-13.00	-41.85	3.76	Peak	Vertical



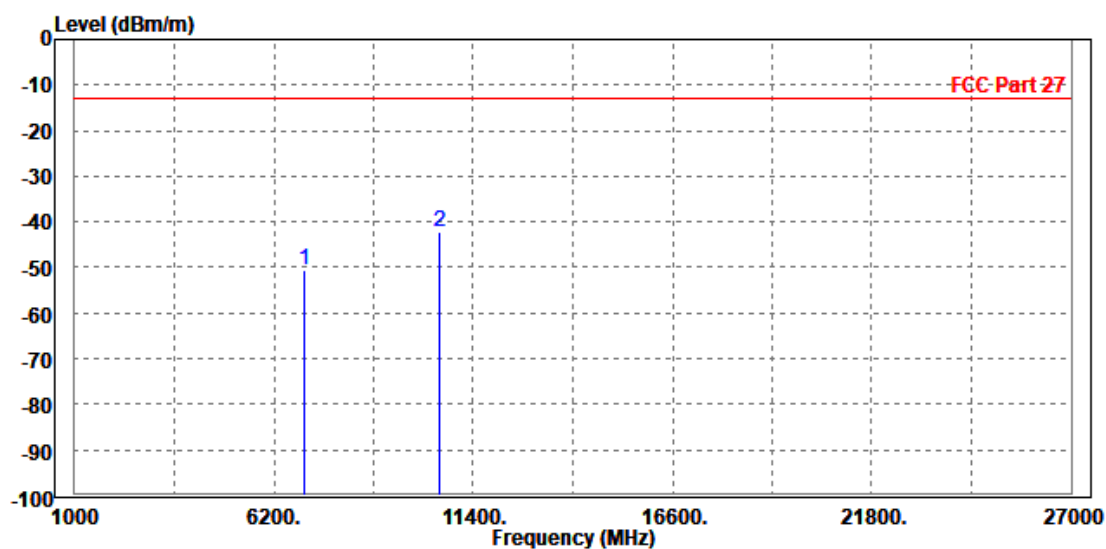
N78(HPUE) (Part 27Q):

Note: For frequency above 18GHz, the emission was tested 20db below the limit so the data not recorded in the sheet.

CHANNEL BANDWIDTH: 20MHz / QPSK

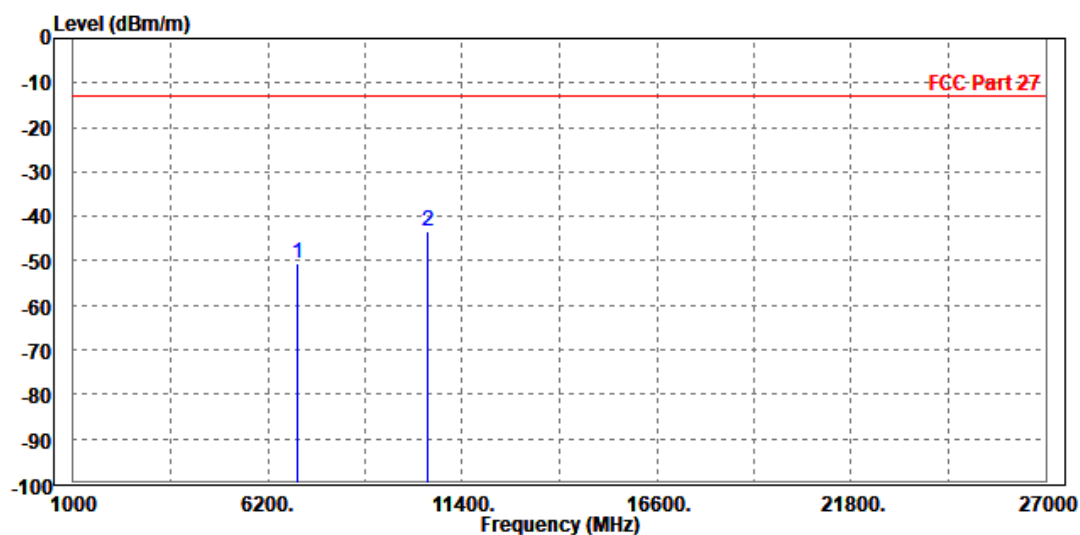
MODE	TX channel 633334	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7006.000	-50.44	-62.66	-13.00	-37.44	12.22	Peak	Horizontal
2	PP10500.300	-42.30	-60.90	-13.00	-29.30	18.60	Peak	Horizontal



MODE	TX channel 633334	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

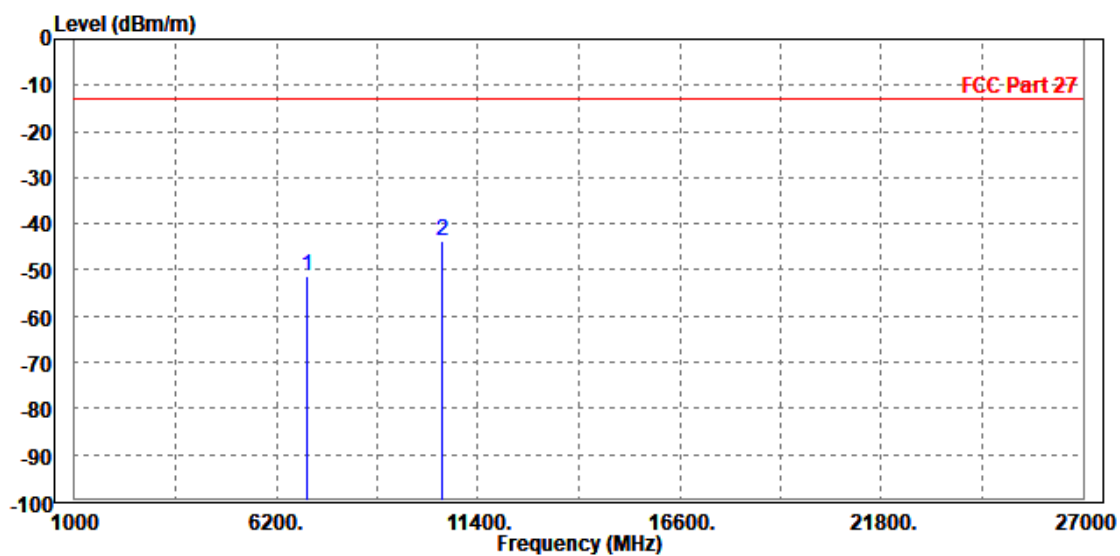
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7000.020	-50.72	-63.45	-13.00	-37.72	12.73	Peak	Vertical
2	PP10490.000	-43.46	-61.37	-13.00	-30.46	17.91	Peak	Vertical



CHANNEL BANDWIDTH: 30MHz / QPSK

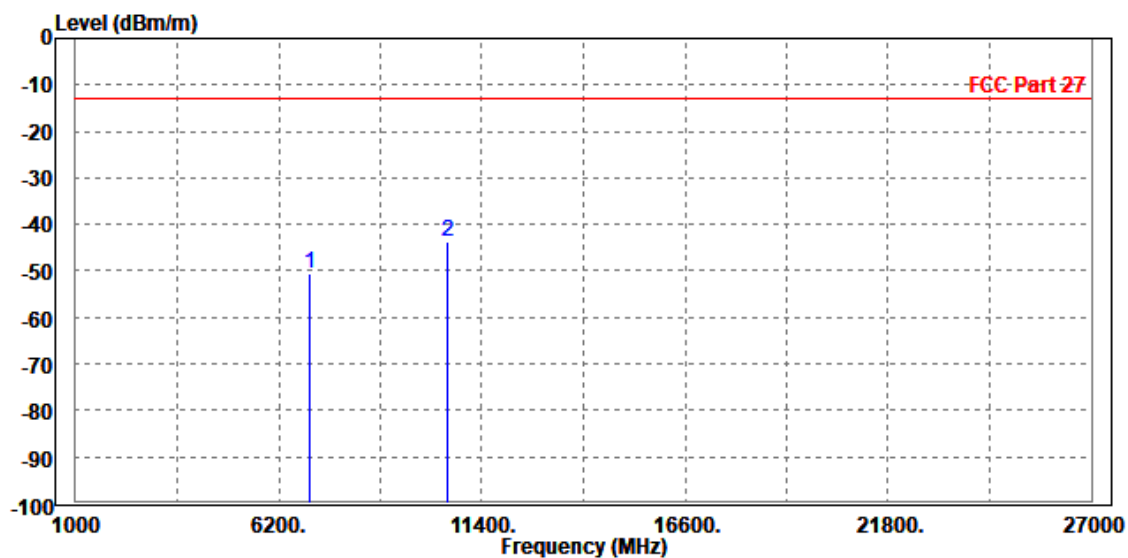
MODE	TX channel 633334	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7000.020	-51.29	-63.52	-13.00	-38.29	12.23	Peak	Horizontal
2	PP10490.000	-43.81	-62.41	-13.00	-30.81	18.60	Peak	Horizontal



MODE	TX channel 633334	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

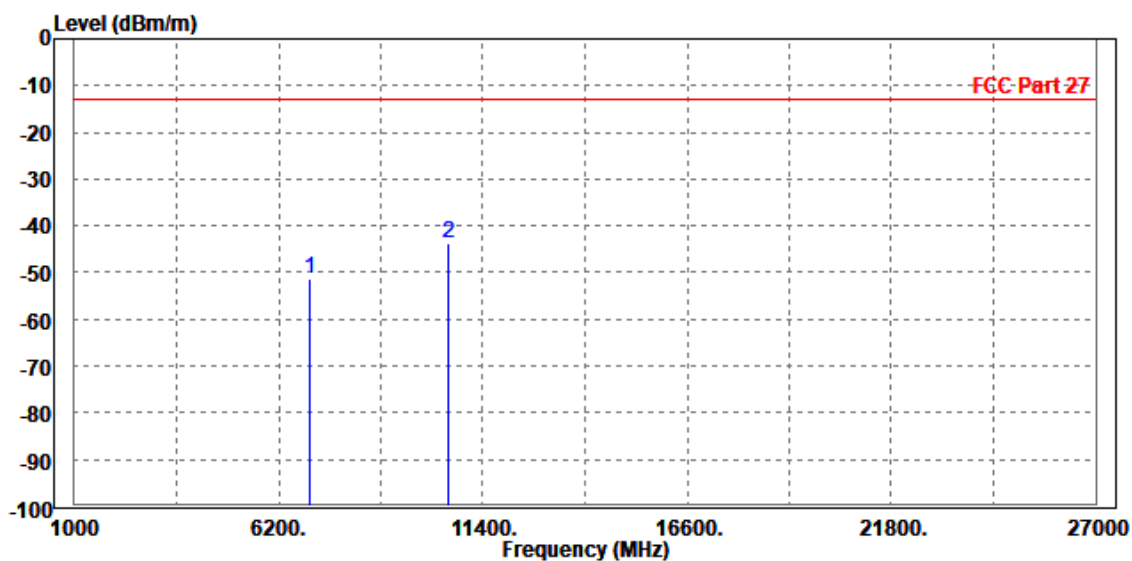
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7006.000	-50.74	-63.49	-13.00	-37.74	12.75	Peak	Vertical
2	PP10500.030	-43.69	-61.60	-13.00	-30.69	17.91	Peak	Vertical



CHANNEL BANDWIDTH: 40MHz / QPSK

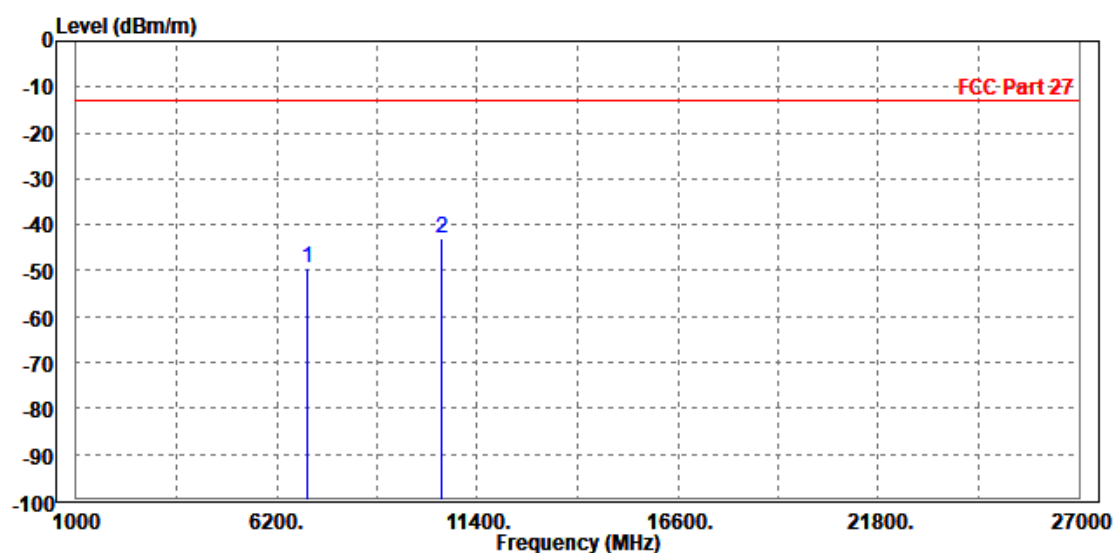
MODE	TX channel 633334	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7006.000	-51.28	-63.50	-13.00	-38.28	12.22	Peak	Horizontal
2	PP10500.030	-43.86	-62.46	-13.00	-30.86	18.60	Peak	Horizontal



MODE	TX channel 633334	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

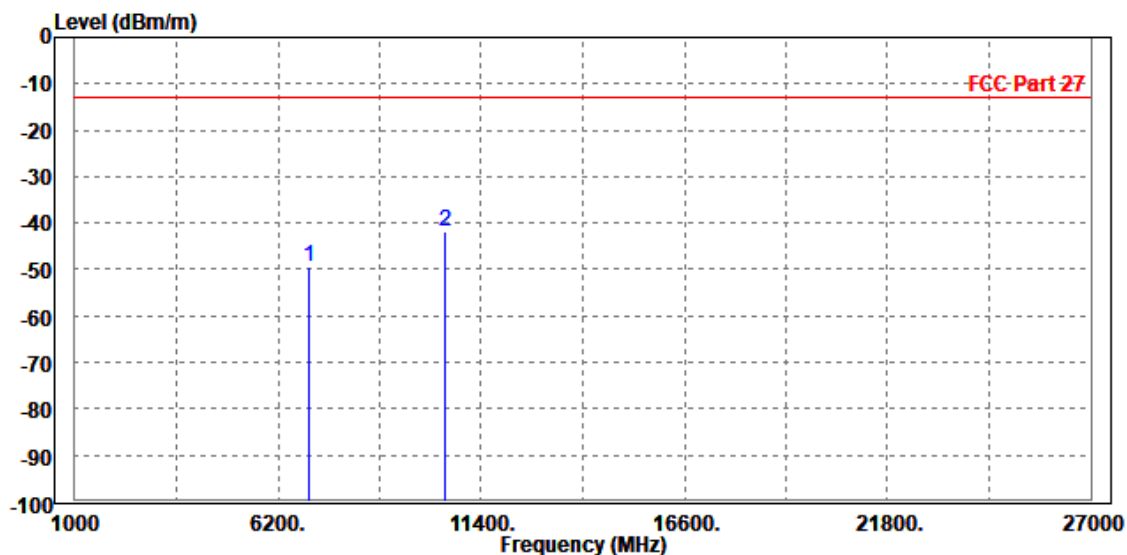
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7000.020	-49.56	-62.29	-13.00	-36.56	12.73	Peak	Vertical
2	PP10490.000	-43.04	-60.95	-13.00	-30.04	17.91	Peak	Vertical



CHANNEL BANDWIDTH: 50MHz / QPSK

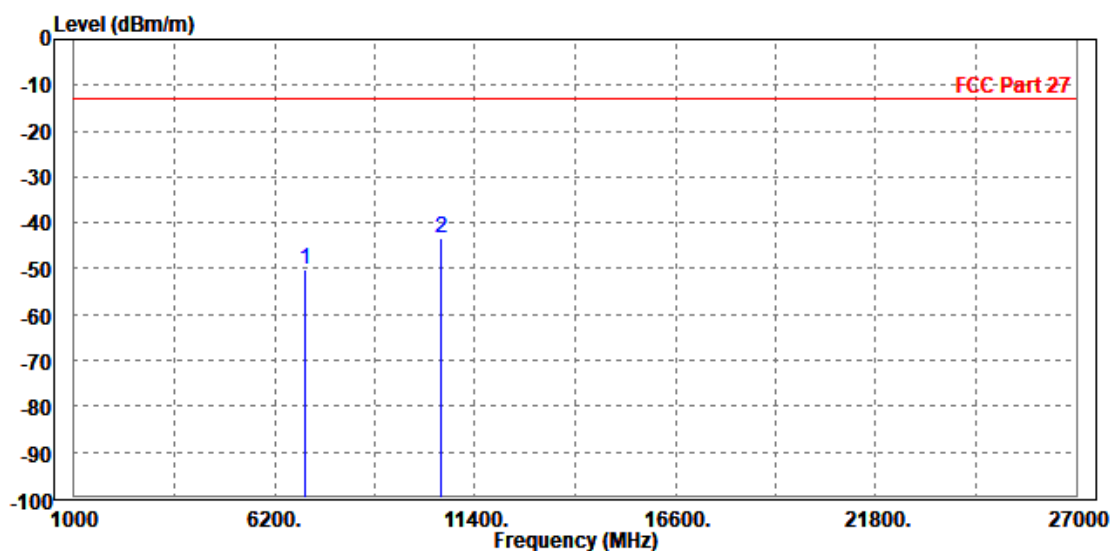
MODE	TX channel 633334	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7000.020	-49.41	-61.64	-13.00	-36.41	12.23	Peak	Horizontal
2	PP10490.000	-41.67	-60.27	-13.00	-28.67	18.60	Peak	Horizontal



MODE	TX channel 633334	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

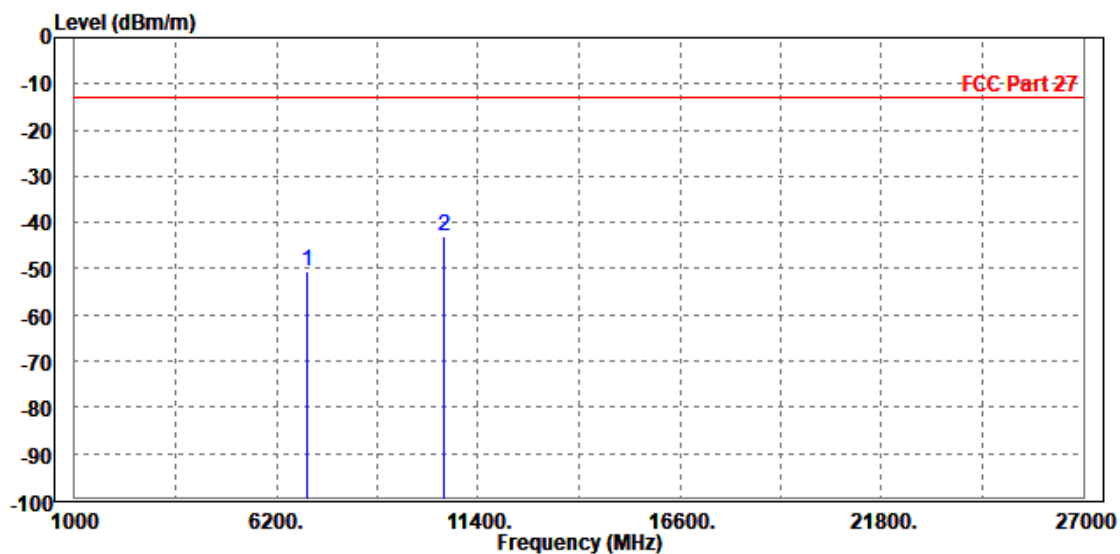
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7006.000	-50.15	-62.90	-13.00	-37.15	12.75	Peak	Vertical
2	PP10500.030	-43.40	-61.31	-13.00	-30.40	17.91	Peak	Vertical



CHANNEL BANDWIDTH: 60MHz / QPSK

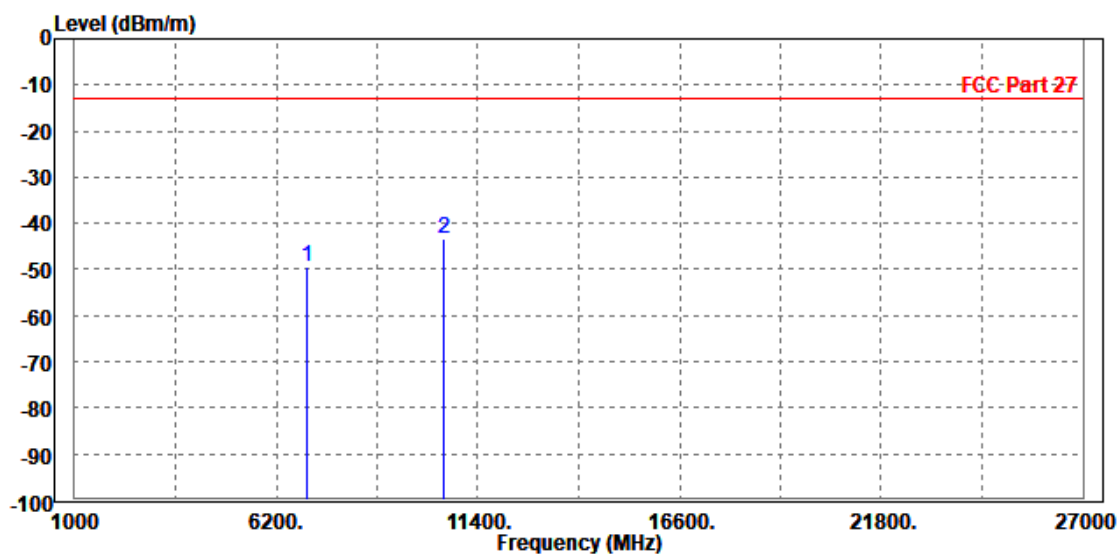
MODE	TX channel 633334	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7006.000	-50.45	-62.67	-13.00	-37.45	12.22	Peak	Horizontal
2	PP10500.030	-43.05	-61.65	-13.00	-30.05	18.60	Peak	Horizontal



MODE	TX channel 633334	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

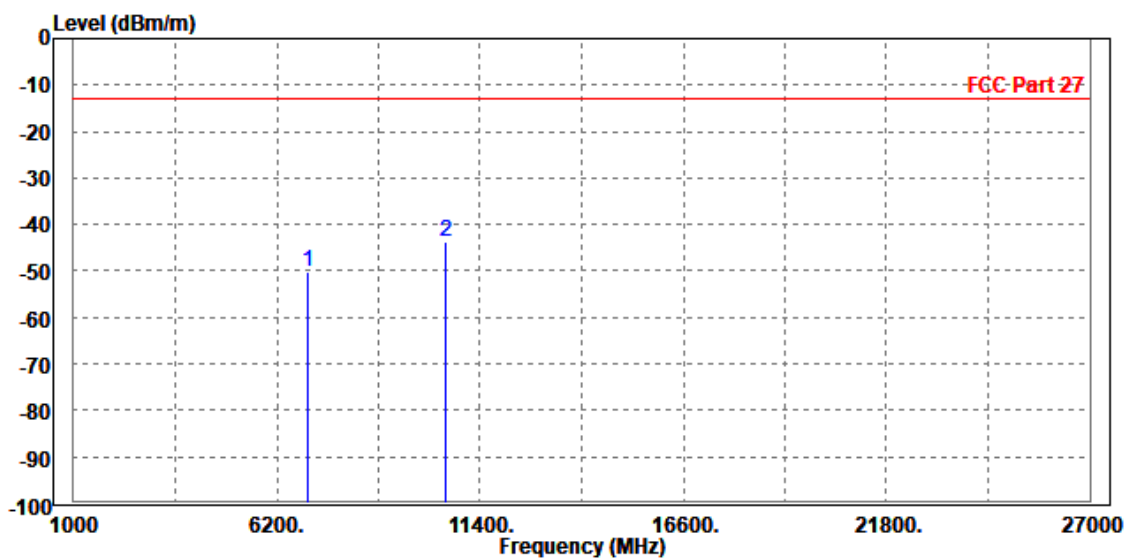
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7006.000	-49.34	-62.09	-13.00	-36.34	12.75	Peak	Vertical
2	PP10500.030	-43.25	-61.16	-13.00	-30.25	17.91	Peak	Vertical



CHANNEL BANDWIDTH: 80MHz / QPSK

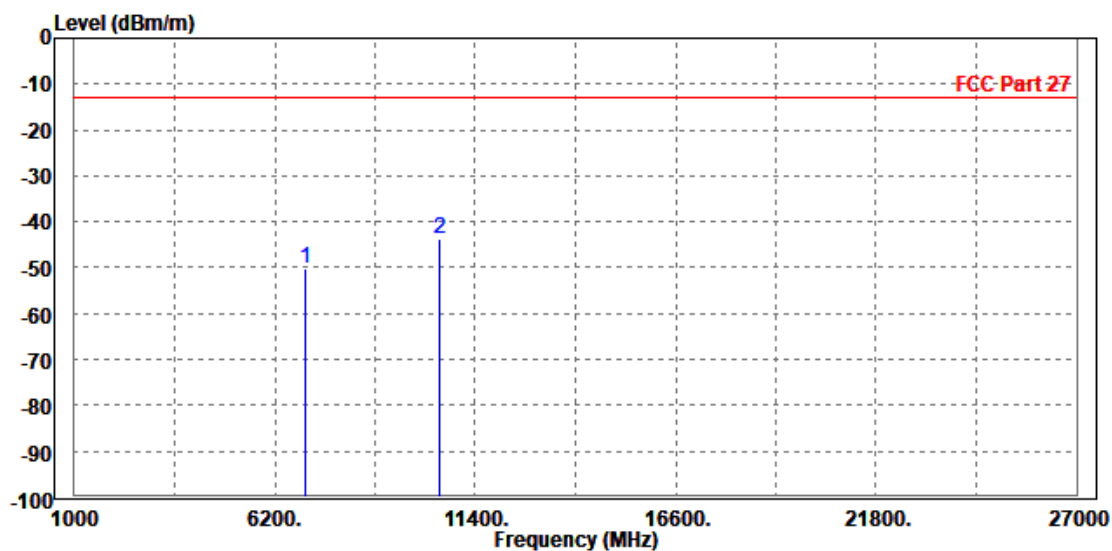
MODE	TX channel 633334	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7006.000	-50.27	-62.49	-13.00	-37.27	12.22	Peak	Horizontal
2	PP10500.030	-43.56	-62.16	-13.00	-30.56	18.60	Peak	Horizontal



MODE	TX channel 633334	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7000.020	-50.09	-62.82	-13.00	-37.09	12.73	Peak	Vertical
2	PP10490.000	-43.91	-61.82	-13.00	-30.91	17.91	Peak	Vertical





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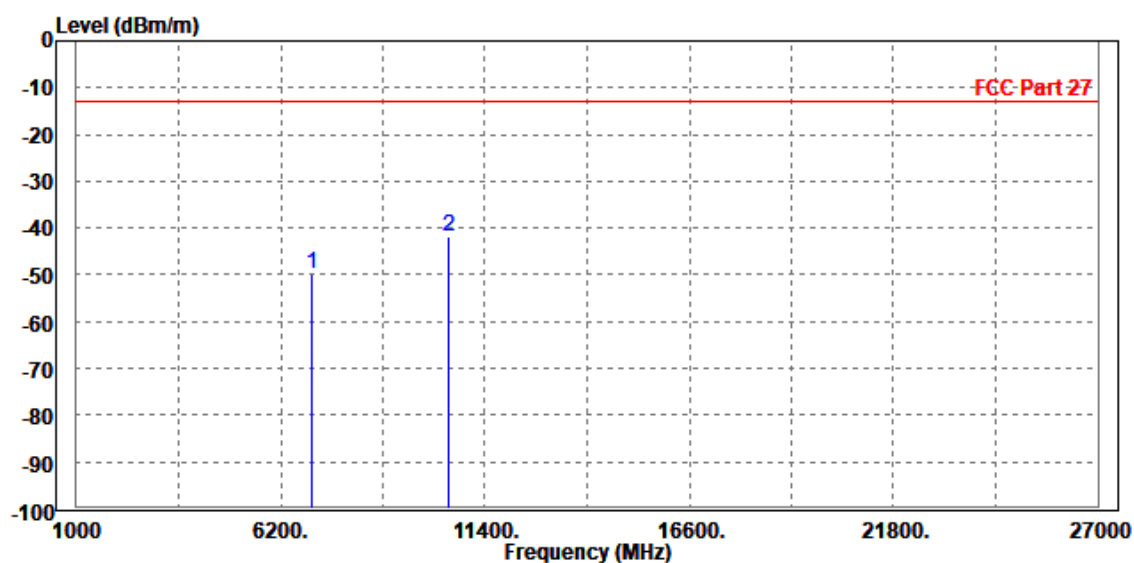
Test Report No.: PSU-QSU2306260109R10

CHANNEL BANDWIDTH: 90MHz / QPSK

CH633000

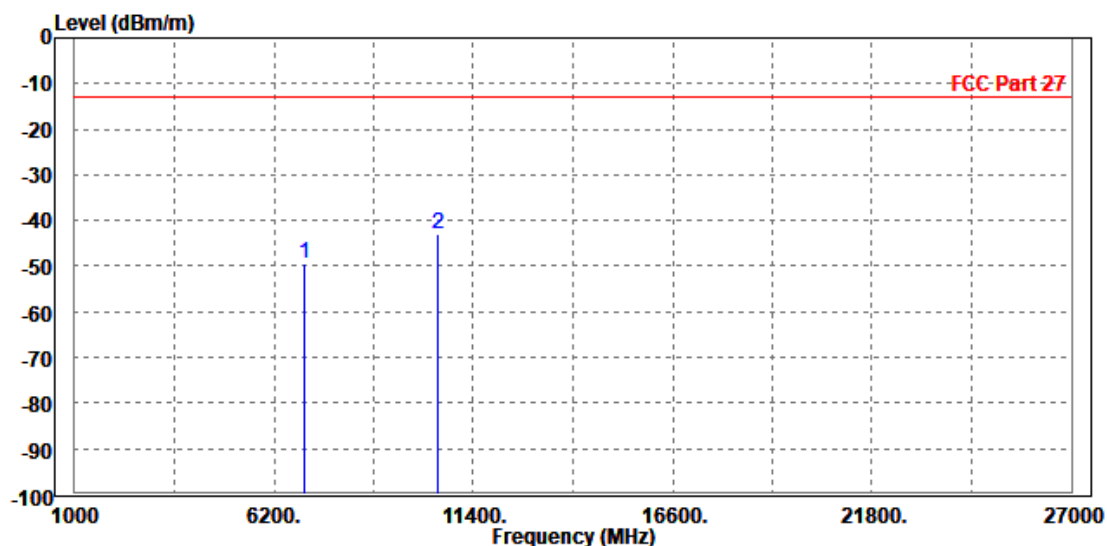
MODE	TX channel 633000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	6980.000	-49.68	-61.89	-13.00	-36.68	12.21	Peak	Horizontal
2	PP10485.000	-41.65	-60.26	-13.00	-28.65	18.61	Peak	Horizontal



MODE	TX channel 633000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

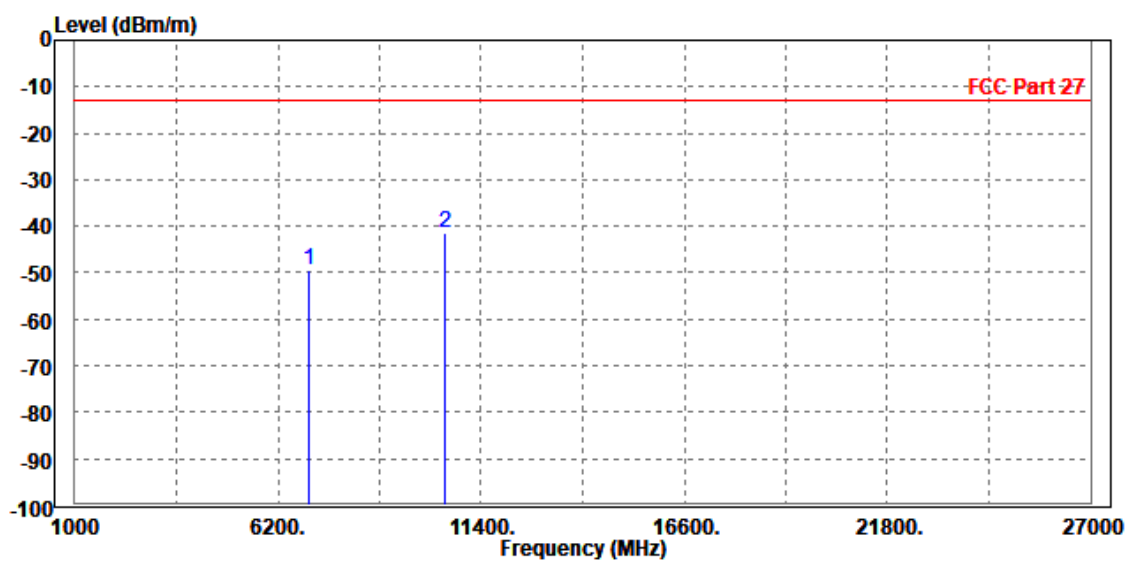
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	6990.000	-49.42	-62.15	-13.00	-36.42	12.73	Peak	Vertical
2	PP10490.000	-43.07	-60.98	-13.00	-30.07	17.91	Peak	Vertical



CH633334

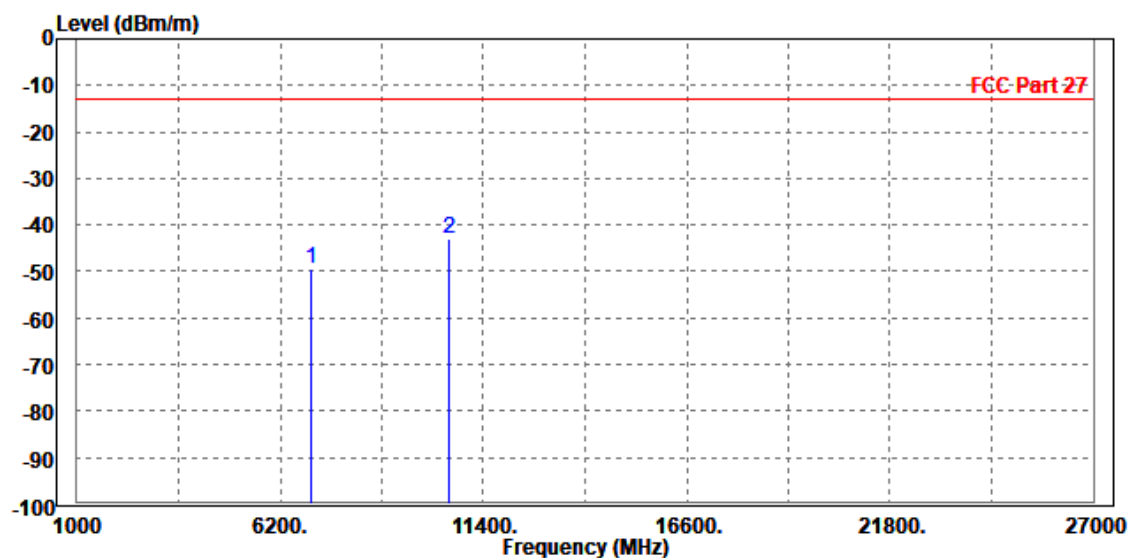
MODE	TX channel 633334	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7000.020	-49.58	-61.81	-13.00	-36.58	12.23	Peak	Horizontal
2	PP10490.000	-41.51	-60.11	-13.00	-28.51	18.60	Peak	Horizontal



MODE	TX channel 633334	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7006.000	-49.42	-62.17	-13.00	-36.42	12.75	Peak	Vertical
2	PP10500.030	-43.09	-61.00	-13.00	-30.09	17.91	Peak	Vertical





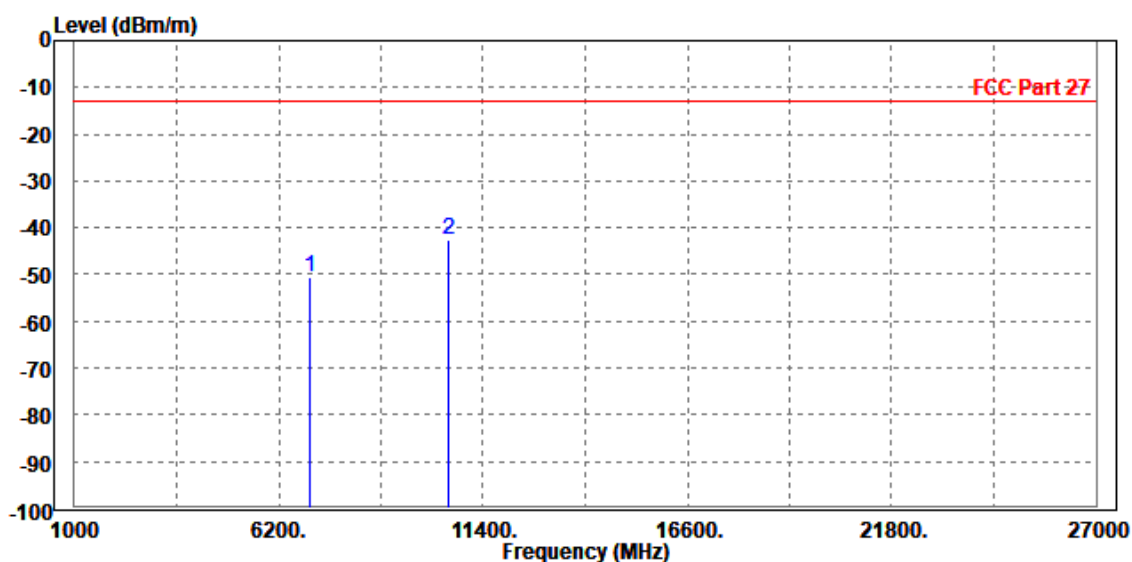
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Test Report No.: PSU-QSU2306260109R10

CH633666

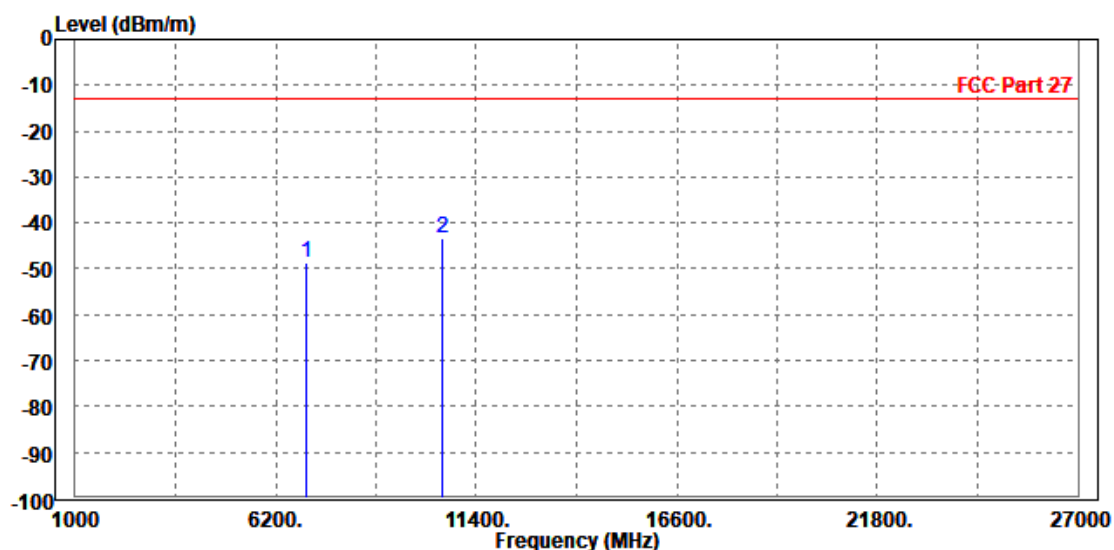
MODE	TX channel 633666	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7009.980	-50.62	-62.83	-13.00	-37.62	12.21	Peak	Horizontal
2	PP10516.000	-42.46	-61.10	-13.00	-29.46	18.64	Peak	Horizontal



MODE	TX channel 633666	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

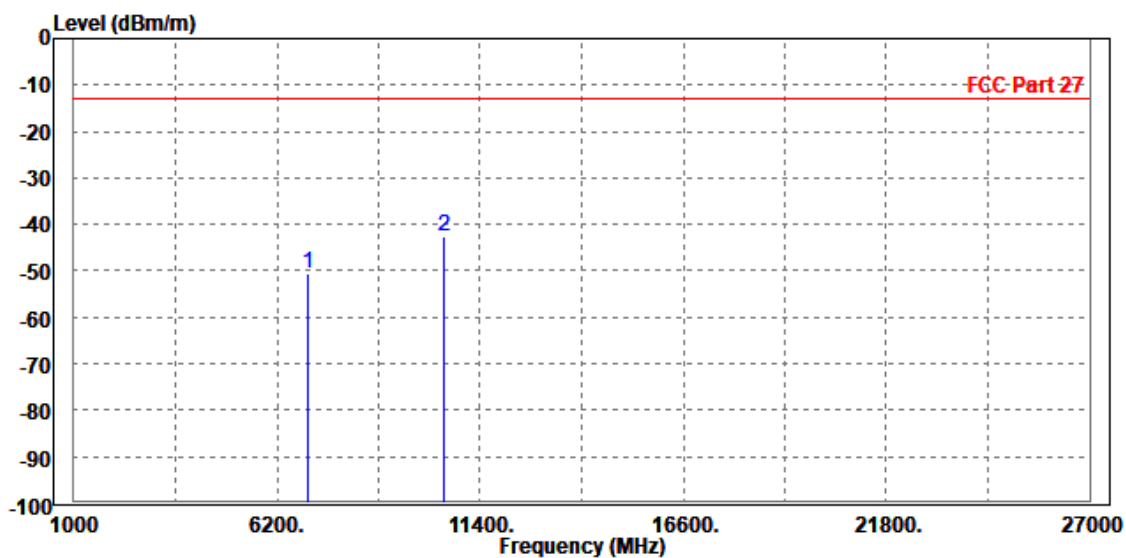
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7006.000	-48.77	-61.52	-13.00	-35.77	12.75	Peak	Vertical
2	PP10514.970	-43.20	-61.18	-13.00	-30.20	17.98	Peak	Vertical



CHANNEL BANDWIDTH: 100MHz / QPSK

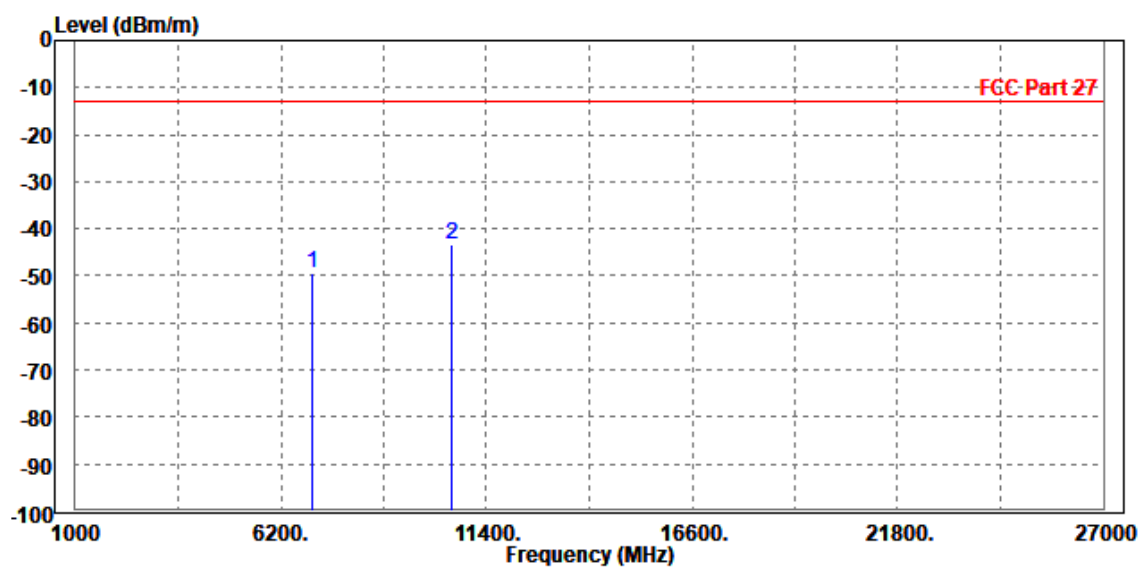
MODE	TX channel 633334	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7000.020	-50.48	-62.71	-13.00	-37.48	12.23	Peak	Horizontal
2	PP10490.000	-42.71	-61.31	-13.00	-29.71	18.60	Peak	Horizontal



MODE	TX channel 633334	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7006.000	-49.49	-62.24	-13.00	-36.49	12.75	Peak	Vertical
2	PP10500.030	-43.38	-61.29	-13.00	-30.38	17.91	Peak	Vertical





**BUREAU
VERITAS**

Test Report No.: PSU-QSU2306260109R10

N78(HPUE) (Part 270):

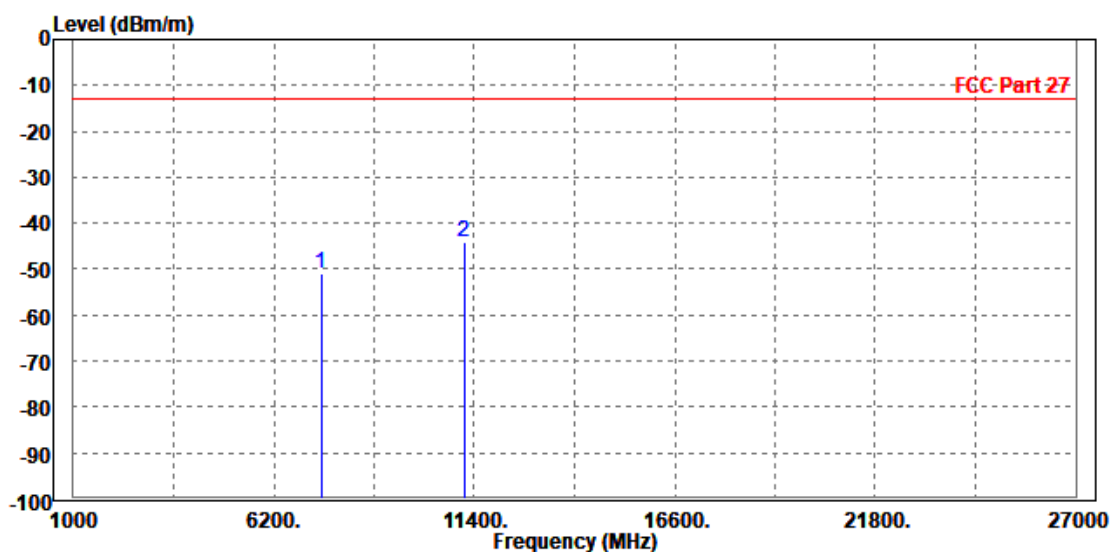
Note: For frequency above 18GHz, the emission was tested 20db below the limit so the data not recorded in the sheet.

CHANNEL BANDWIDTH: 20MHz / QPSK

CH647334

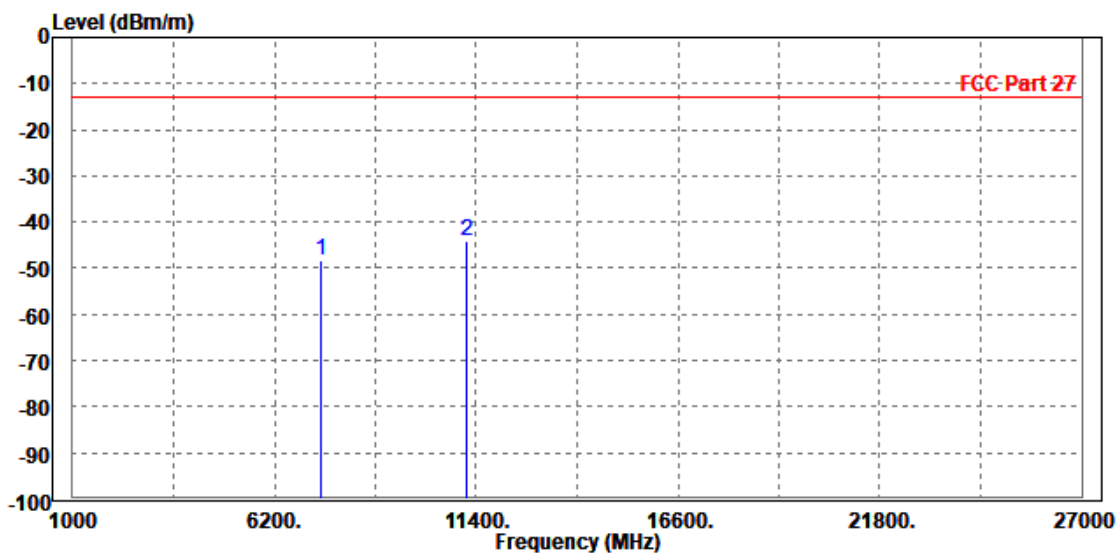
MODE	TX channel 647334	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7422.000	-50.96	-62.50	-13.00	-37.96	11.54	Peak	Horizontal
2	PP11130.030	-43.95	-64.08	-13.00	-30.95	20.13	Peak	Horizontal



MODE	TX channel 647334	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

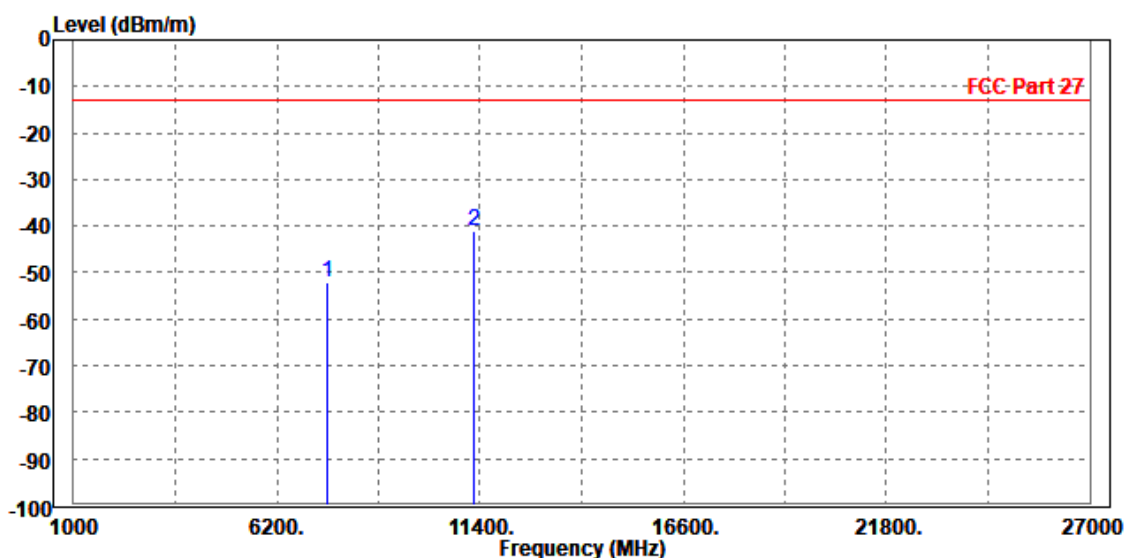
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7420.020	-48.36	-62.74	-13.00	-35.36	14.38	Peak	Vertical
2	PP11140.000	-44.00	-63.50	-13.00	-31.00	19.50	Peak	Vertical



CH650000

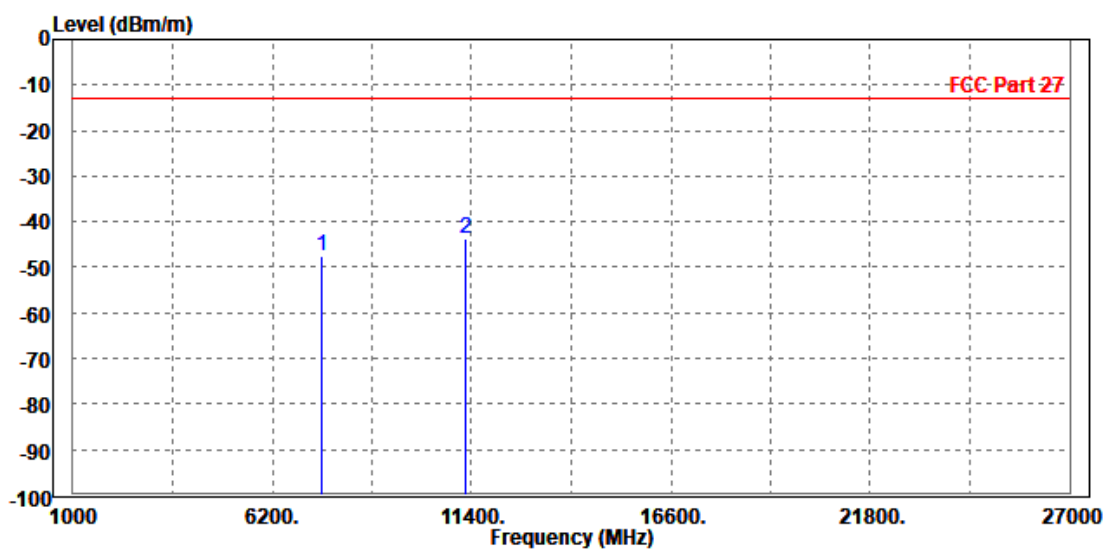
MODE	TX channel 650000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7500.000	-52.00	-63.42	-13.00	-39.00	11.42	Peak	Horizontal
2	PP11244.000	-41.24	-61.53	-13.00	-28.24	20.29	Peak	Horizontal



MODE	TX channel 650000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

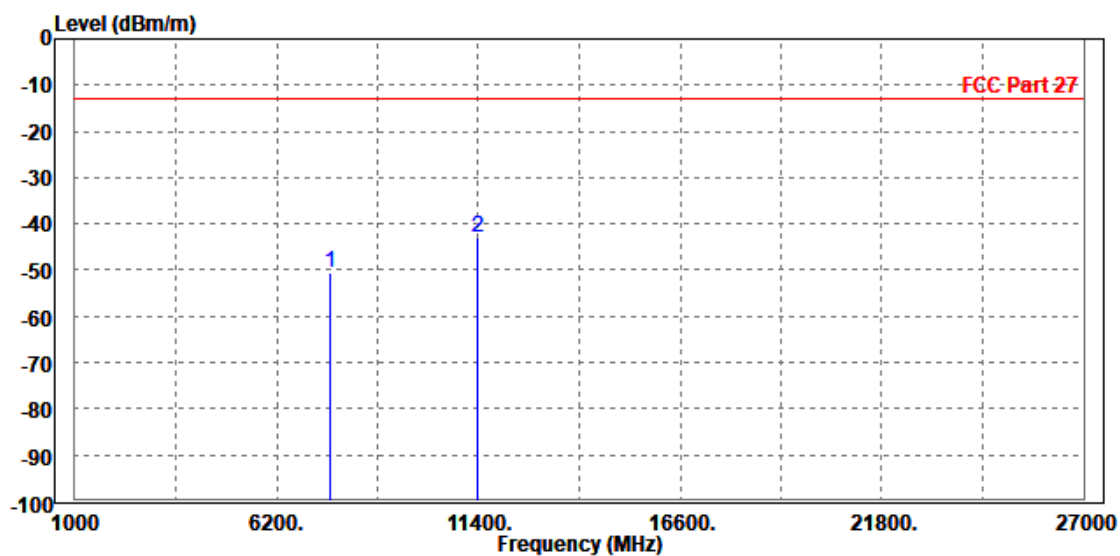
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7500.000	-47.45	-62.15	-13.00	-34.45	14.70	Peak	Vertical
2	PP11250.000	-43.75	-62.66	-13.00	-30.75	18.91	Peak	Vertical



CH652666

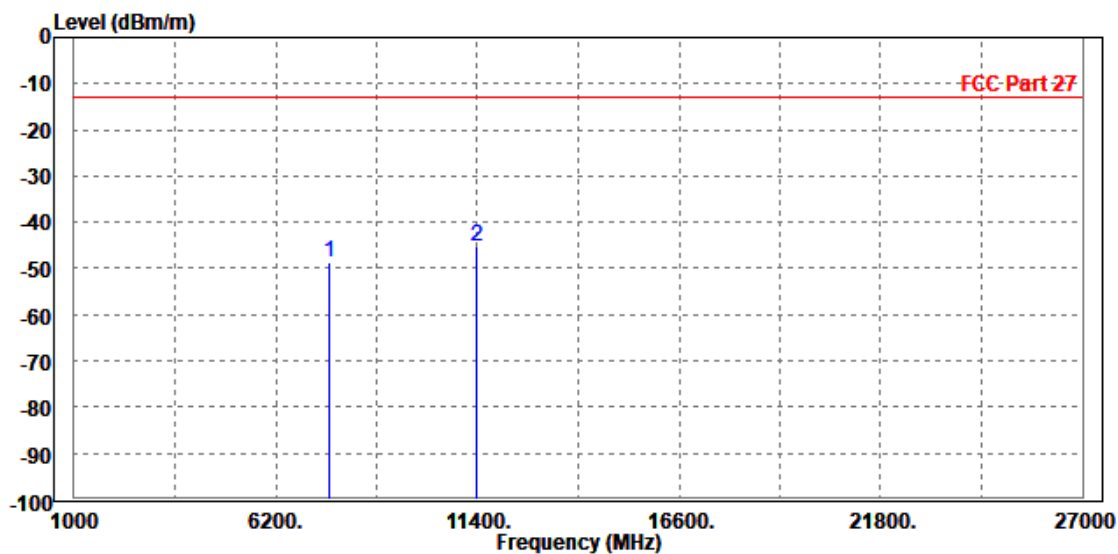
MODE	TX channel 652666	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7579.980	-50.70	-62.70	-13.00	-37.70	12.00	Peak	Horizontal
2	PP11374.000	-42.81	-63.28	-13.00	-29.81	20.47	Peak	Horizontal



MODE	TX channel 652666	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

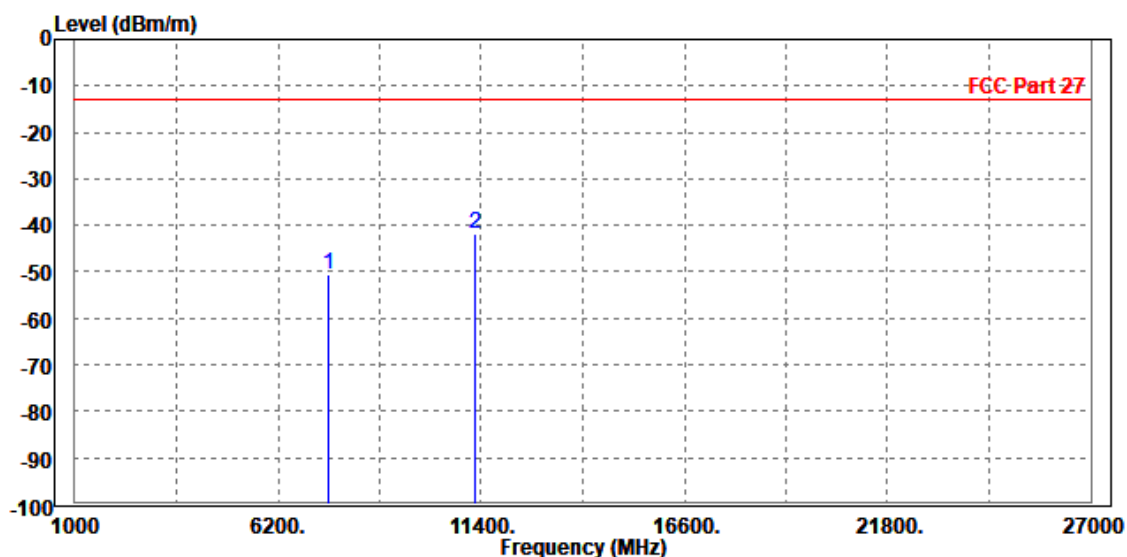
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7578.000	-48.51	-63.32	-13.00	-35.51	14.81	Peak	Vertical
2	PP11369.970	-45.13	-63.40	-13.00	-32.13	18.27	Peak	Vertical



CHANNEL BANDWIDTH: 30MHz / QPSK

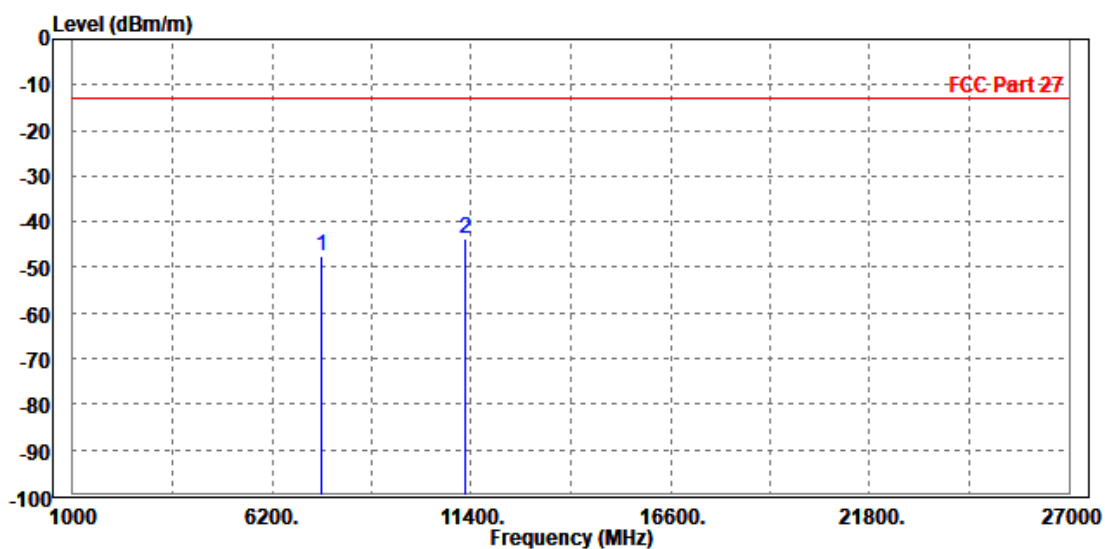
MODE	TX channel 650000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7500.000	-50.70	-62.12	-13.00	-37.70	11.42	Peak	Horizontal
2	PP11250.000	-41.84	-62.14	-13.00	-28.84	20.30	Peak	Horizontal



MODE	TX channel 650000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

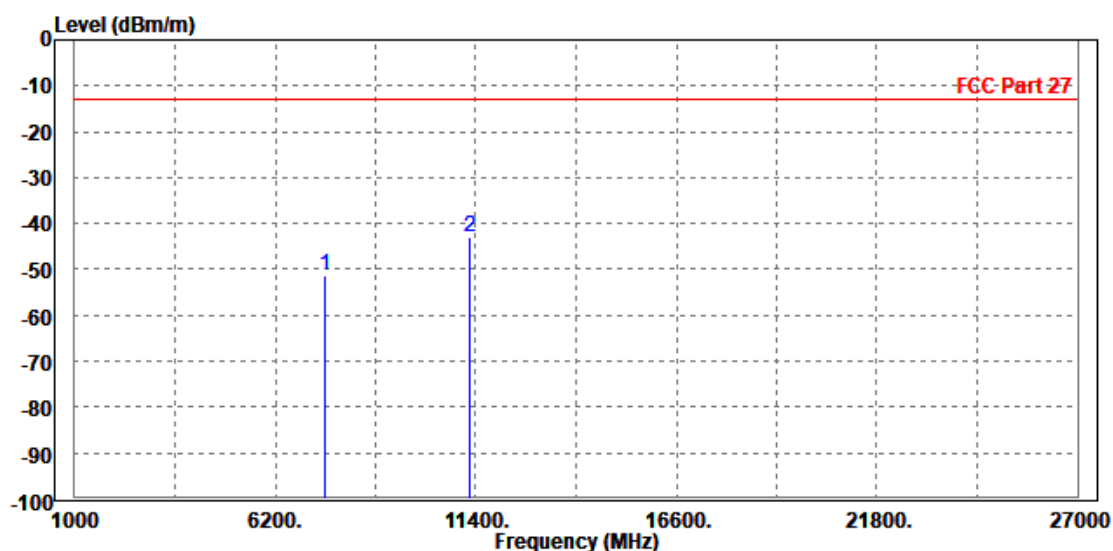
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7500.000	-47.47	-62.17	-13.00	-34.47	14.70	Peak	Vertical
2	PP11244.000	-43.89	-62.84	-13.00	-30.89	18.95	Peak	Vertical



CHANNEL BANDWIDTH: 40MHz / QPSK

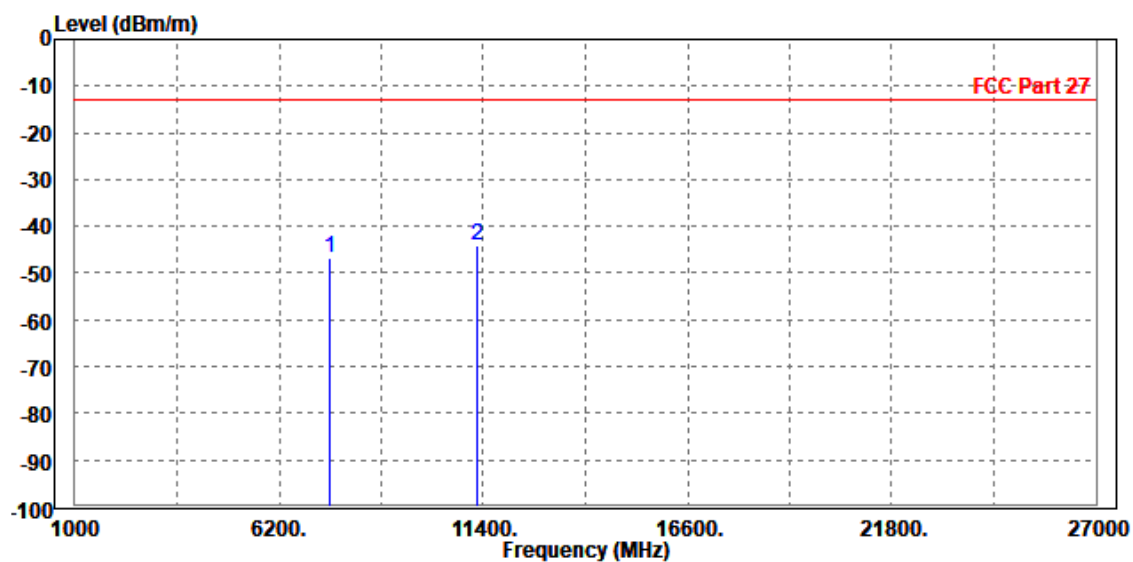
MODE	TX channel 650000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7500.000	-51.15	-62.57	-13.00	-38.15	11.42	Peak	Horizontal
2	PP11244.000	-42.81	-63.10	-13.00	-29.81	20.29	Peak	Horizontal



MODE	TX channel 650000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

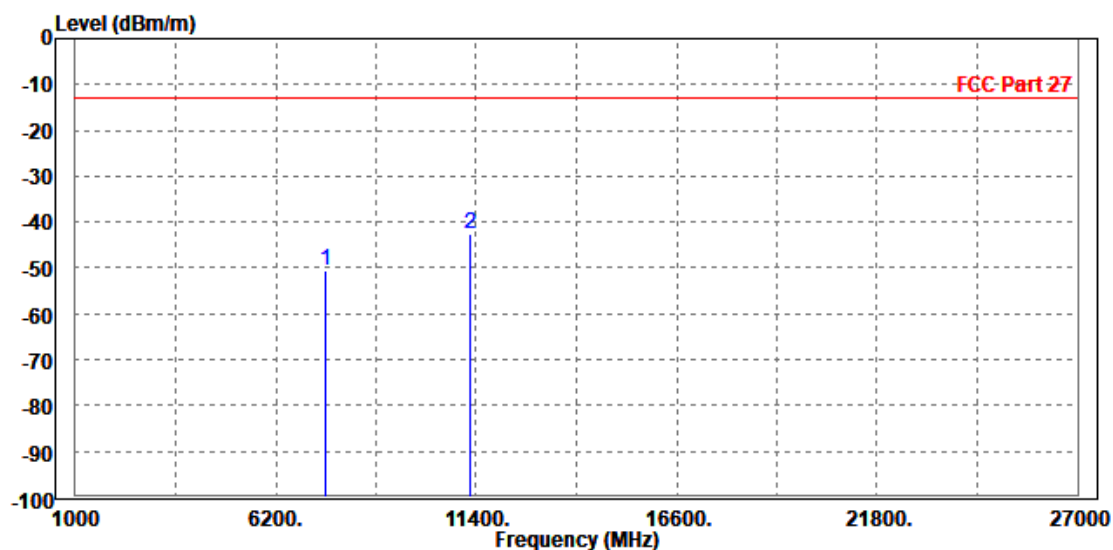
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7500.000	-46.82	-61.52	-13.00	-33.82	14.70	Peak	Vertical
2	PP11250.000	-44.06	-62.97	-13.00	-31.06	18.91	Peak	Vertical



CHANNEL BANDWIDTH: 50MHz / QPSK

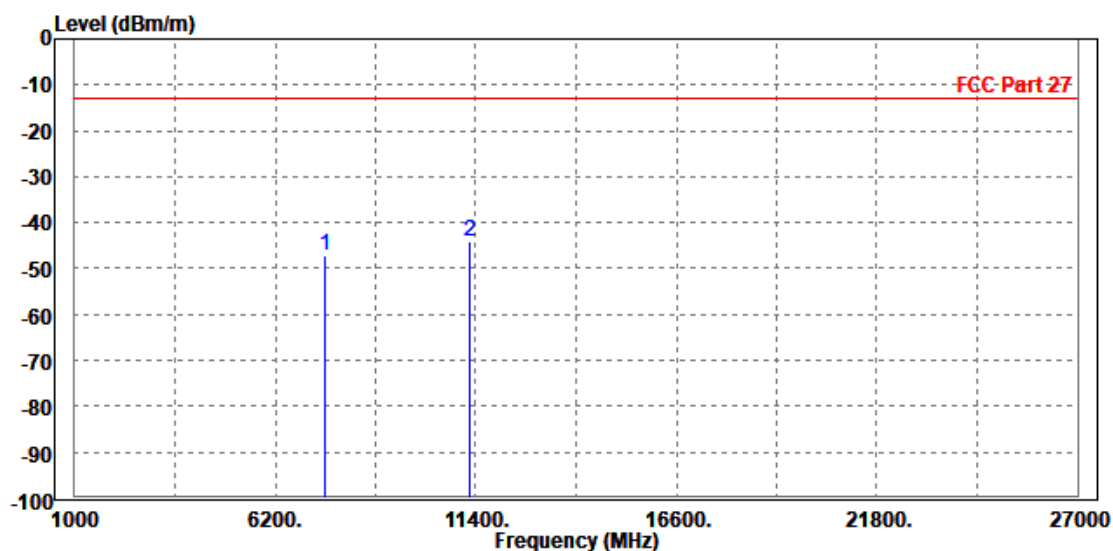
MODE	TX channel 650000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7500.000	-50.51	-61.93	-13.00	-37.51	11.42	Peak	Horizontal
2	PP11250.000	-42.65	-62.95	-13.00	-29.65	20.30	Peak	Horizontal



MODE	TX channel 650000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

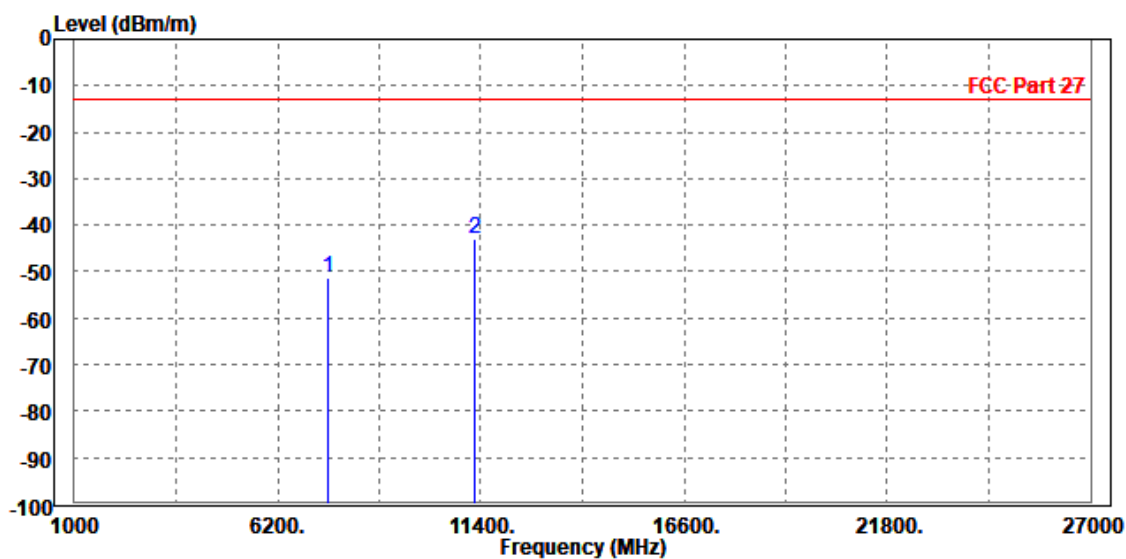
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7500.000	-47.16	-61.86	-13.00	-34.16	14.70	Peak	Vertical
2	PP11244.000	-44.03	-62.98	-13.00	-31.03	18.95	Peak	Vertical



CHANNEL BANDWIDTH: 60MHz / QPSK

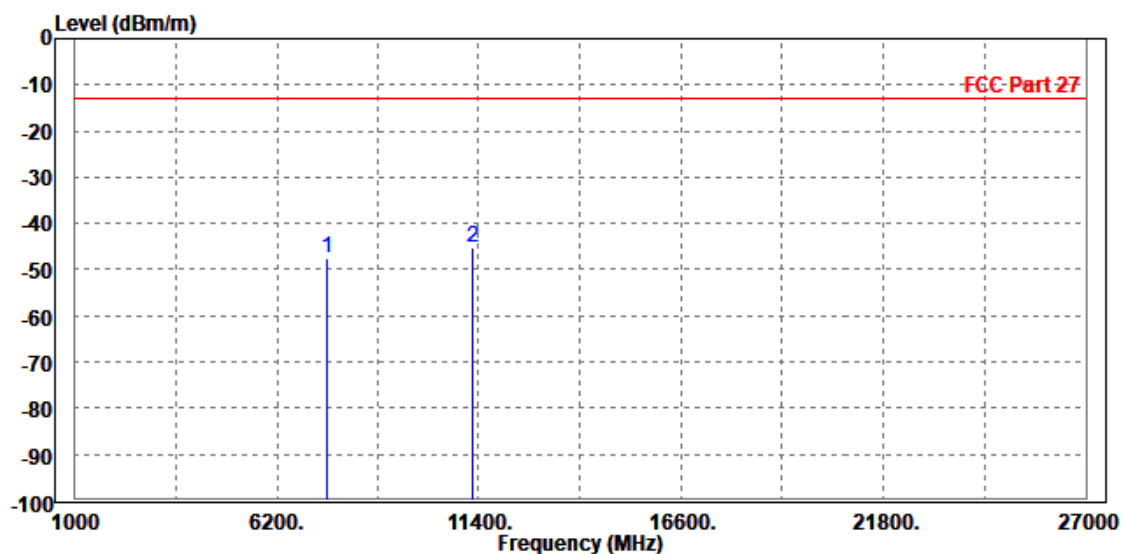
MODE	TX channel 650000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7500.000	-51.26	-62.68	-13.00	-38.26	11.42	Peak	Horizontal
2	PP11244.000	-42.86	-63.15	-13.00	-29.86	20.29	Peak	Horizontal



MODE	TX channel 650000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

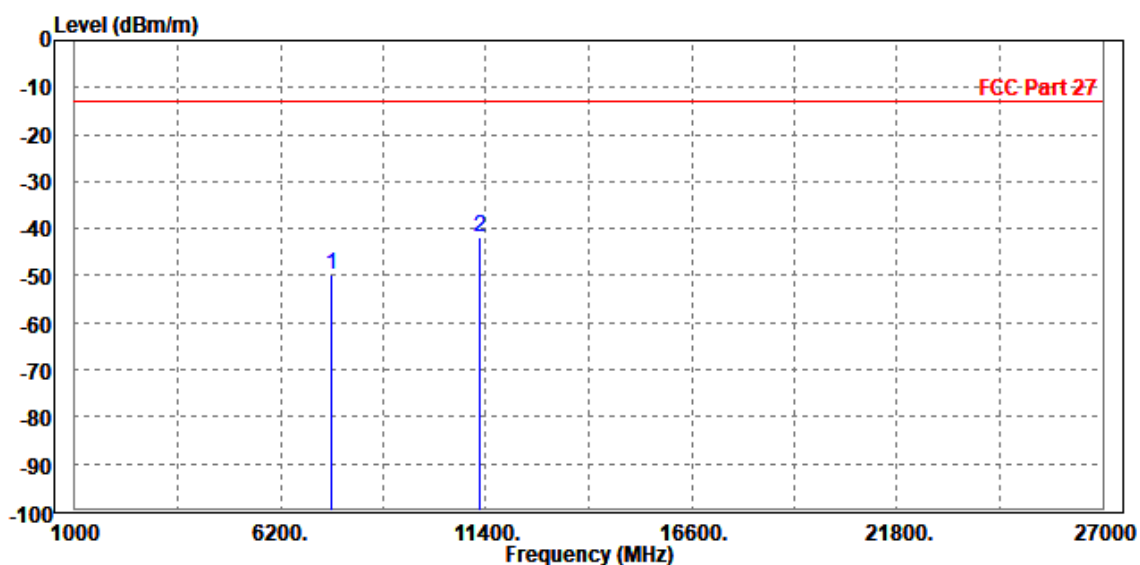
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7500.000	-47.52	-62.22	-13.00	-34.52	14.70	Peak	Vertical
2	PP11250.000	-45.34	-64.25	-13.00	-32.34	18.91	Peak	Vertical



CHANNEL BANDWIDTH: 80MHz / QPSK

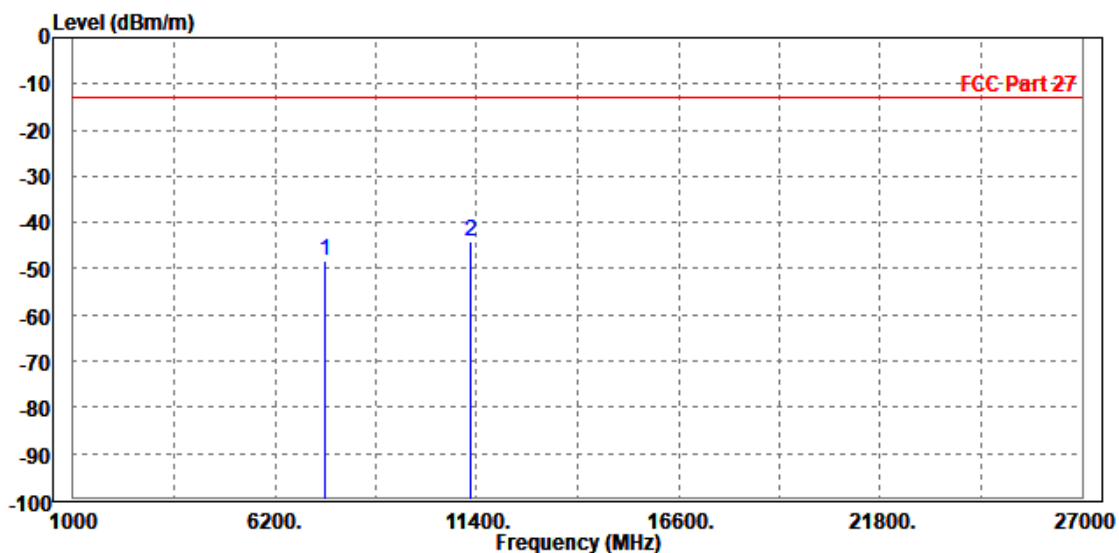
MODE	TX channel 650000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7500.000	-49.91	-61.33	-13.00	-36.91	11.42	Peak	Horizontal
2	PP11250.000	-41.77	-62.07	-13.00	-28.77	20.30	Peak	Horizontal



MODE	TX channel 650000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7500.000	-48.21	-62.91	-13.00	-35.21	14.70	Peak	Vertical
2	PP11244.000	-43.94	-62.89	-13.00	-30.94	18.95	Peak	Vertical





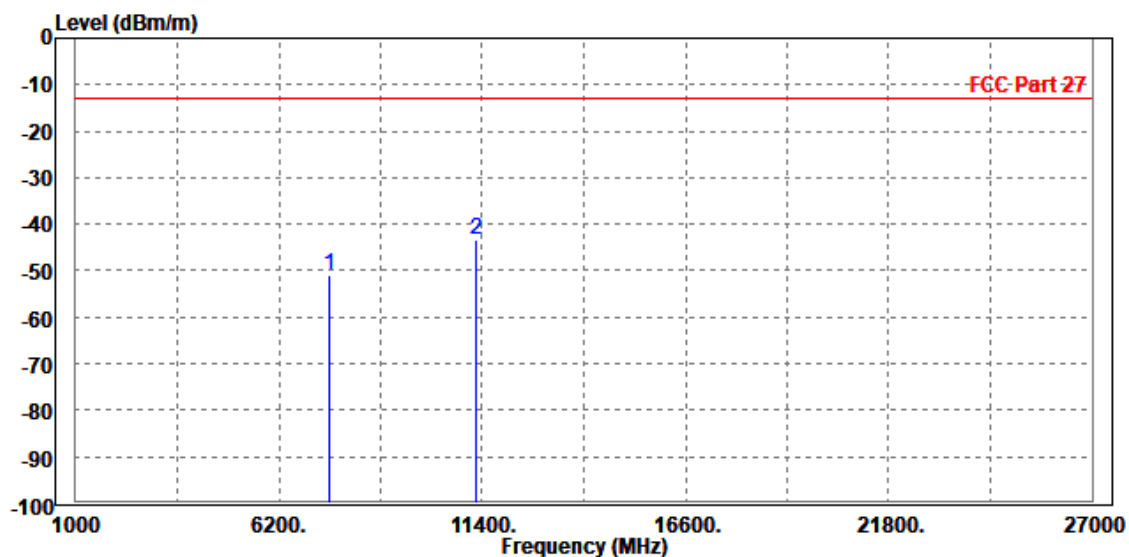
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Test Report No.: PSU-QSU2306260109R10

CHANNEL BANDWIDTH: 90MHz / QPSK

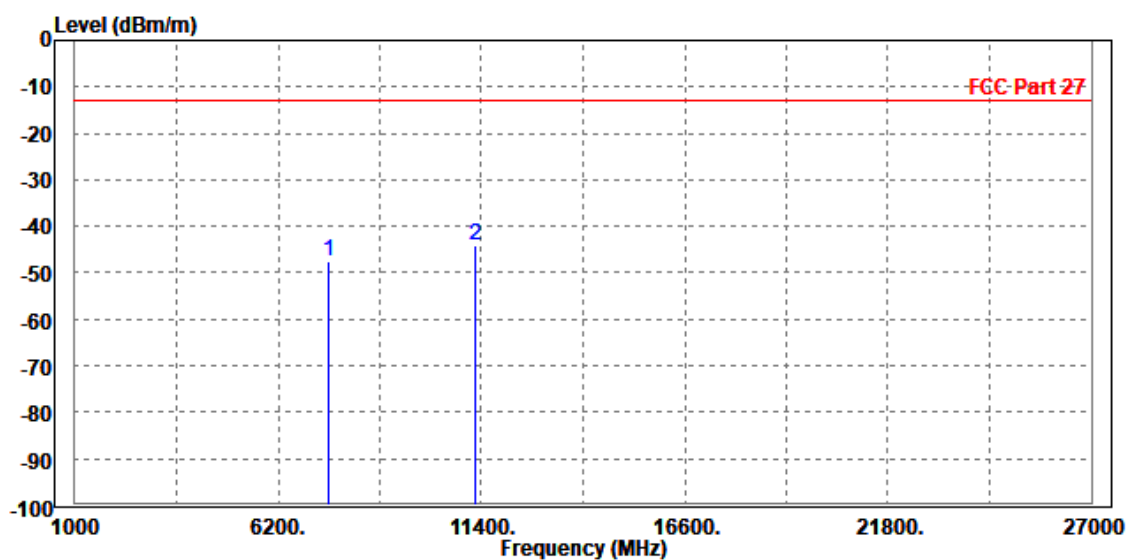
MODE	TX channel 650000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7500.000	-51.04	-62.46	-13.00	-38.04	11.42	Peak	Horizontal
2	PP11244.000	-43.22	-63.51	-13.00	-30.22	20.29	Peak	Horizontal



MODE	TX channel 650000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7500.000	-47.54	-62.24	-13.00	-34.54	14.70	Peak	Vertical
2	PP11250.000	-43.99	-62.90	-13.00	-30.99	18.91	Peak	Vertical





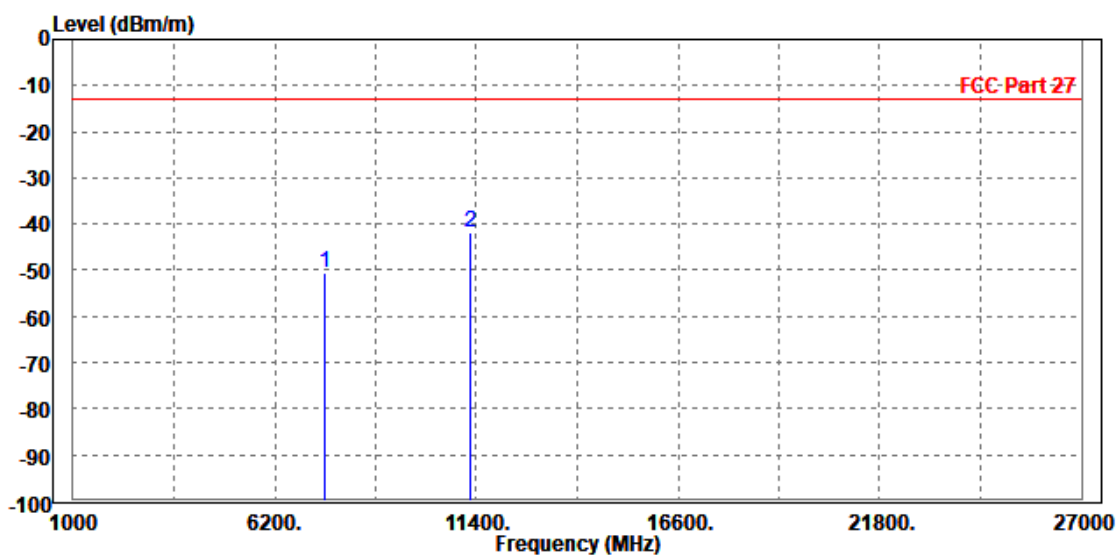
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VERITAS

Test Report No.: PSU-QSU2306260109R10

CHANNEL BANDWIDTH: 100MHz / QPSK

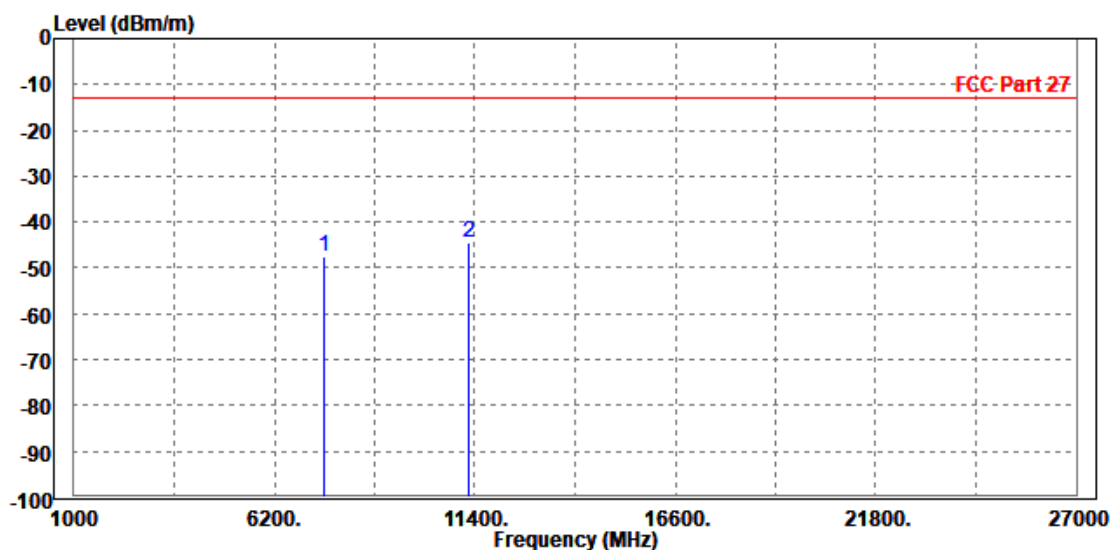
MODE	TX channel 650000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7500.000	-50.66	-62.08	-13.00	-37.66	11.42	Peak	Horizontal
2	PP11250.000	-41.68	-61.98	-13.00	-28.68	20.30	Peak	Horizontal



MODE	TX channel 650000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7500.000	-47.38	-62.08	-13.00	-34.38	14.70	Peak	Vertical
2	PP11244.000	-44.33	-63.28	-13.00	-31.33	18.95	Peak	Vertical





Test Report No.: PSU-QSU2306260109R10

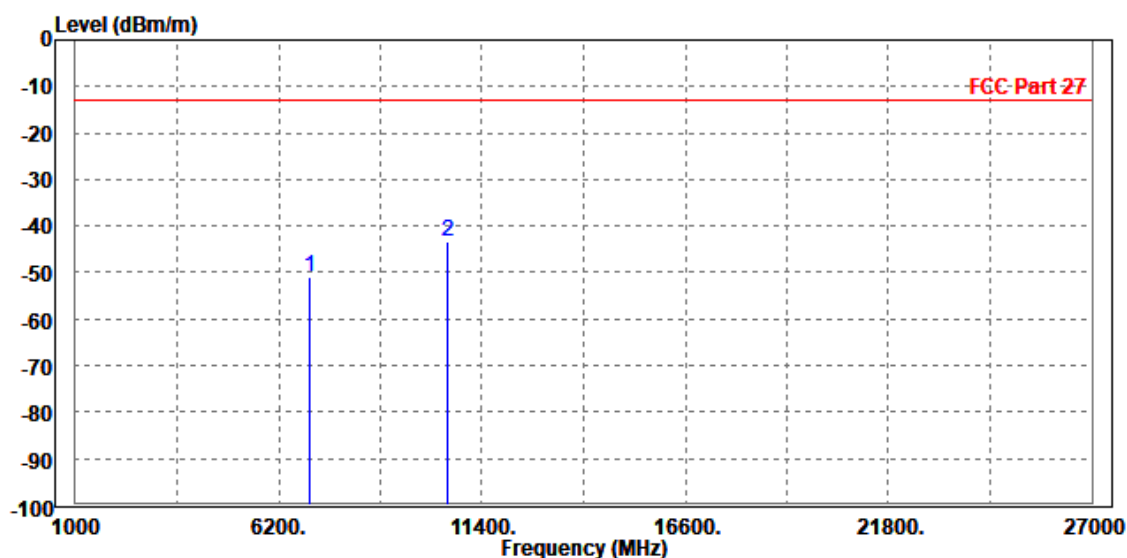
DC_2A-n78A(Part 27Q):

Note: For frequency above 18GHz, the emission was tested 20db below the limit so the data not recorded in the sheet.

CHANNEL BANDWIDTH: 100MHz / QPSK

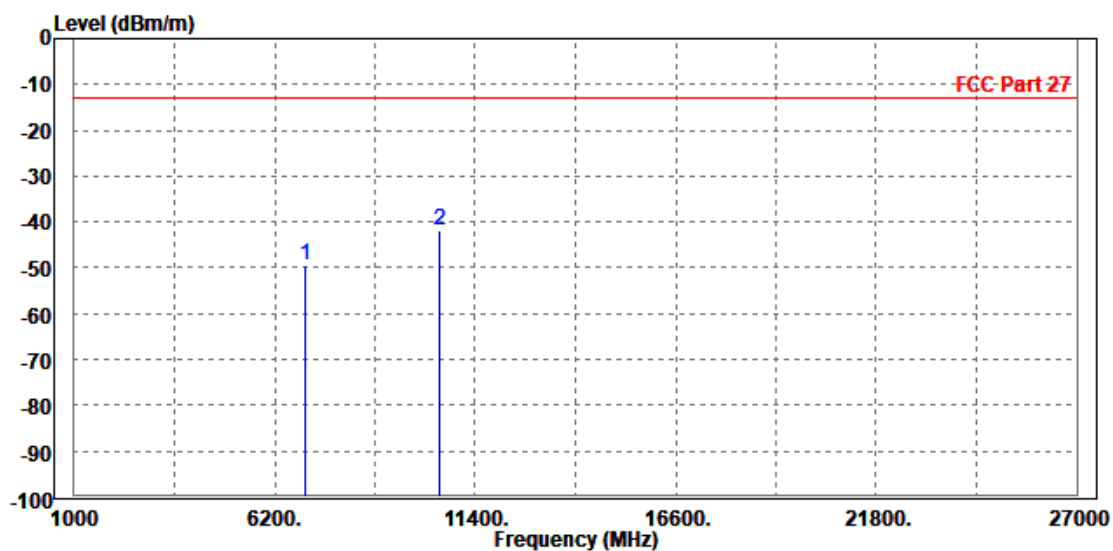
MODE	TX channel 633334	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7006.000	-50.77	-62.99	-13.00	-37.77	12.22	Peak	Horizontal
2	PP10500.030	-43.27	-61.87	-13.00	-30.27	18.60	Peak	Horizontal



MODE	TX channel 633334	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7000.020	-49.41	-62.14	-13.00	-36.41	12.73	Peak	Vertical
2	PP10490.000	-41.72	-59.63	-13.00	-28.72	17.91	Peak	Vertical





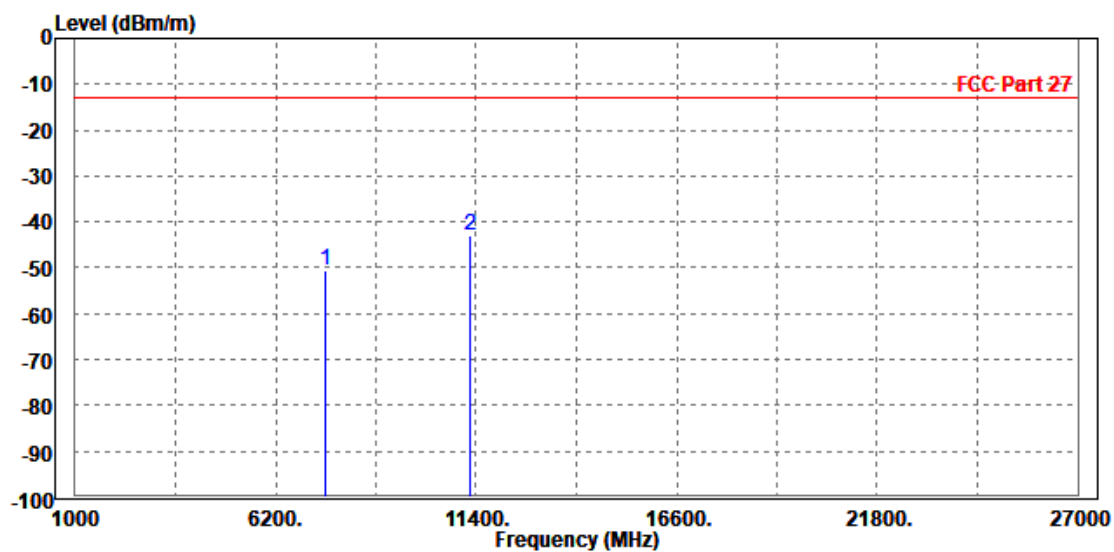
Test Report No.: PSU-QSU2306260109R10

DC_2A-n78A(Part 270):

CHANNEL BANDWIDTH: 100MHz / QPSK

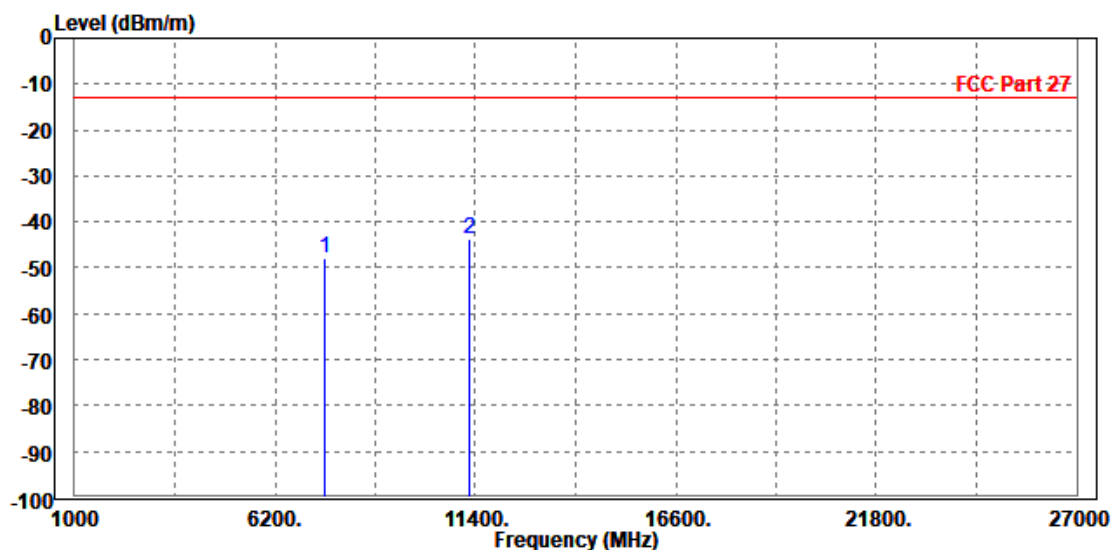
MODE	TX channel 650000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7500.000	-50.54	-61.96	-13.00	-37.54	11.42	Peak	Horizontal
2	PP11244.000	-42.81	-63.10	-13.00	-29.81	20.29	Peak	Horizontal



MODE	TX channel 650000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7500.000	-47.74	-62.44	-13.00	-34.74	14.70	Peak	Vertical
2	PP11250.000	-43.63	-62.54	-13.00	-30.63	18.91	Peak	Vertical





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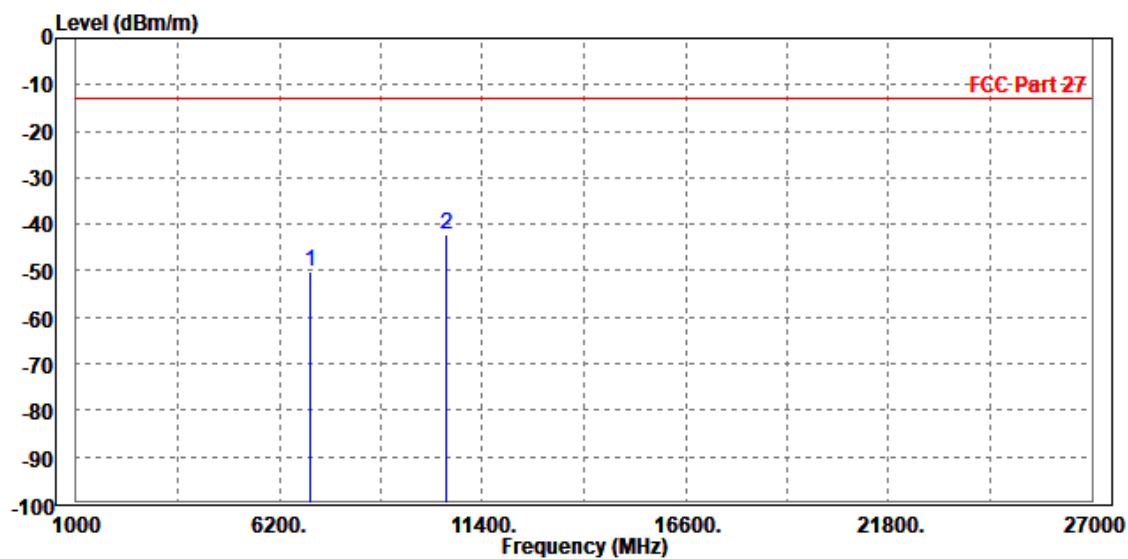
Test Report No.: PSU-QSU2306260109R10

DC_5A-n78A(Part 27Q):

CHANNEL BANDWIDTH: 100MHz / QPSK

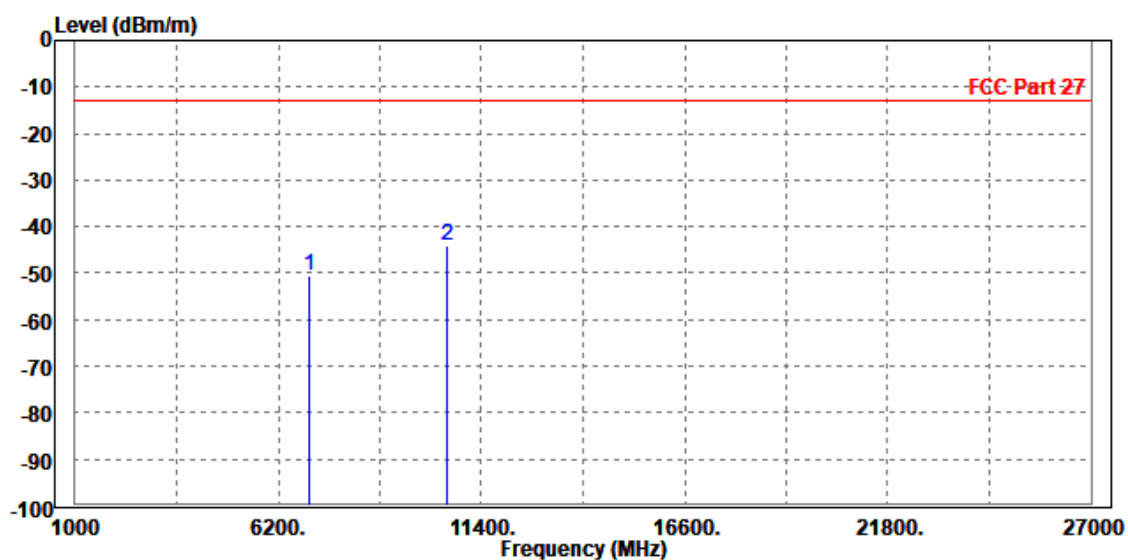
MODE	TX channel 633334	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7000.020	-50.13	-62.36	-13.00	-37.13	12.23	Peak	Horizontal
2	PP10490.000	-42.33	-60.93	-13.00	-29.33	18.60	Peak	Horizontal



MODE	TX channel 633334	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7006.000	-50.68	-63.43	-13.00	-37.68	12.75	Peak	Vertical
2	PP10500.030	-44.29	-62.20	-13.00	-31.29	17.91	Peak	Vertical





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VERITAS

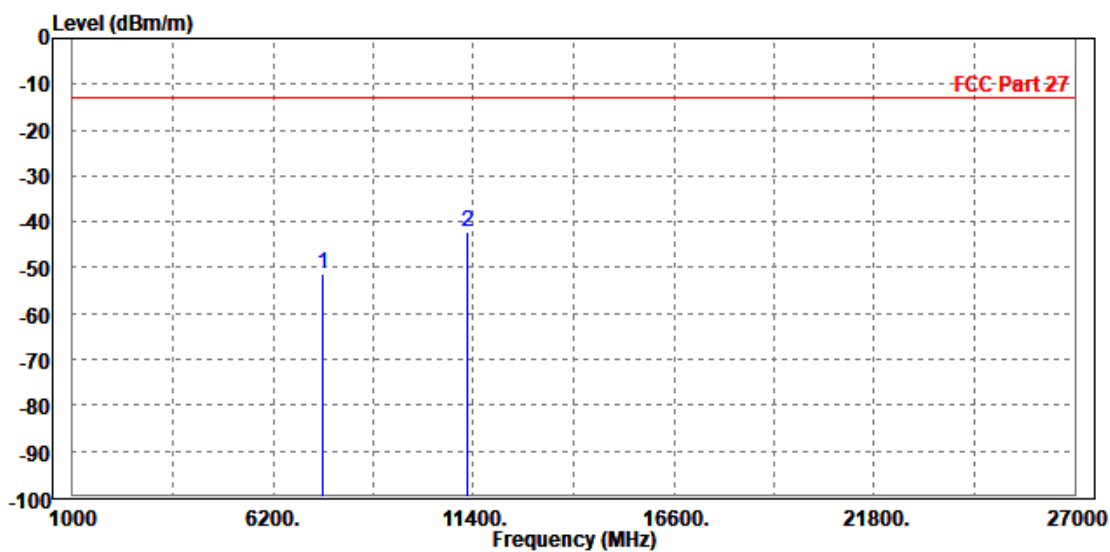
Test Report No.: PSU-QSU2306260109R10

DC_5A-n78A(Part 270):

CHANNEL BANDWIDTH: 100MHz / QPSK

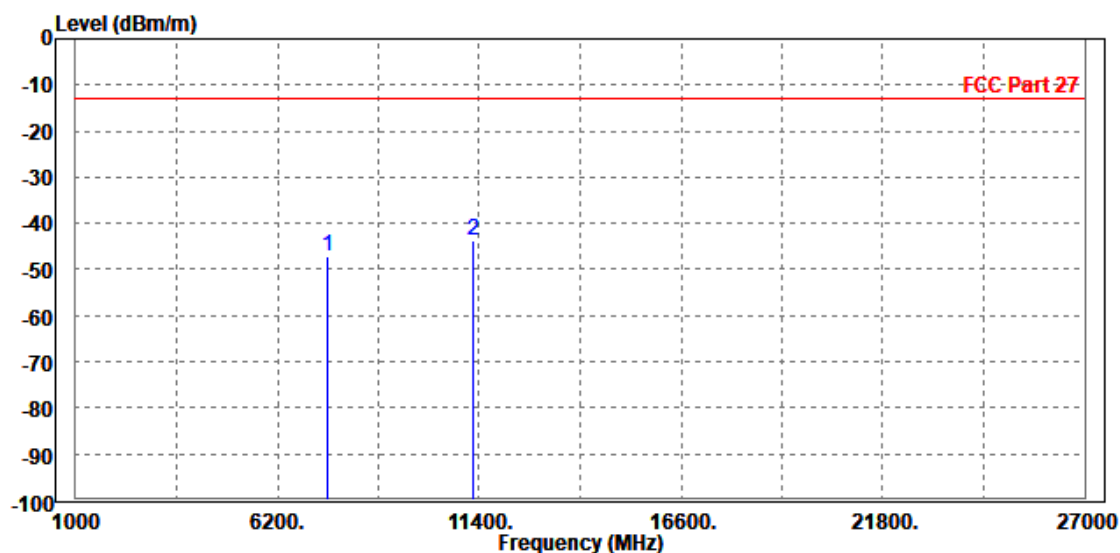
MODE	TX channel 650000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7500.000	-51.21	-62.63	-13.00	-38.21	11.42	Peak	Horizontal
2	PP11250.000	-42.31	-62.61	-13.00	-29.31	20.30	Peak	Horizontal



MODE	TX channel 650000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7500.000	-47.10	-61.80	-13.00	-34.10	14.70	Peak	Vertical
2	PP11244.000	-43.70	-62.65	-13.00	-30.70	18.95	Peak	Vertical





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VERITAS

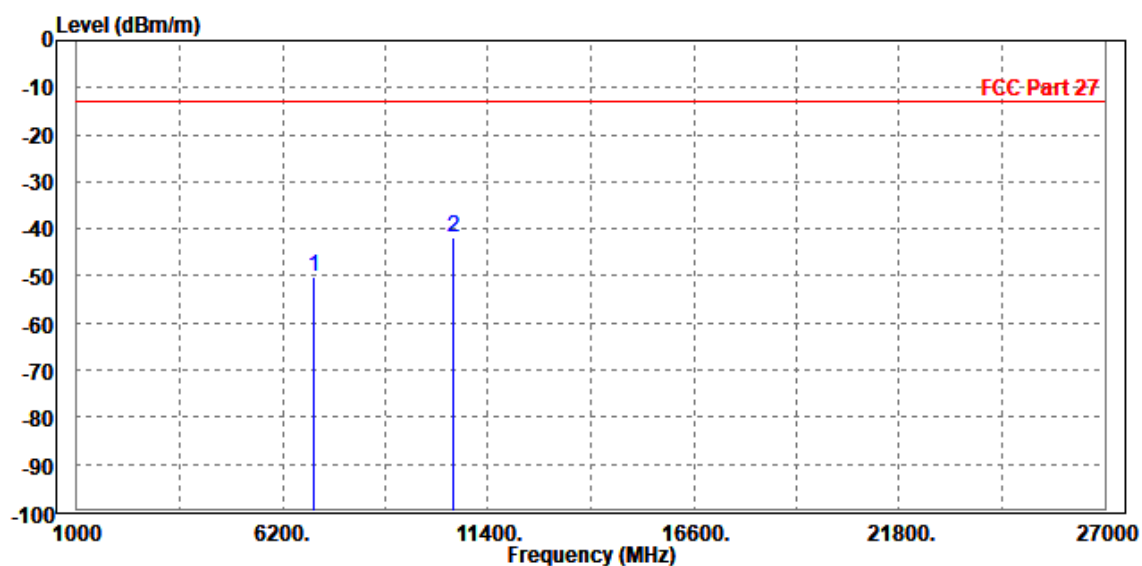
Test Report No.: PSU-QSU2306260109R10

DC_7A-n78A(Part 27Q):

CHANNEL BANDWIDTH: 100MHz / QPSK

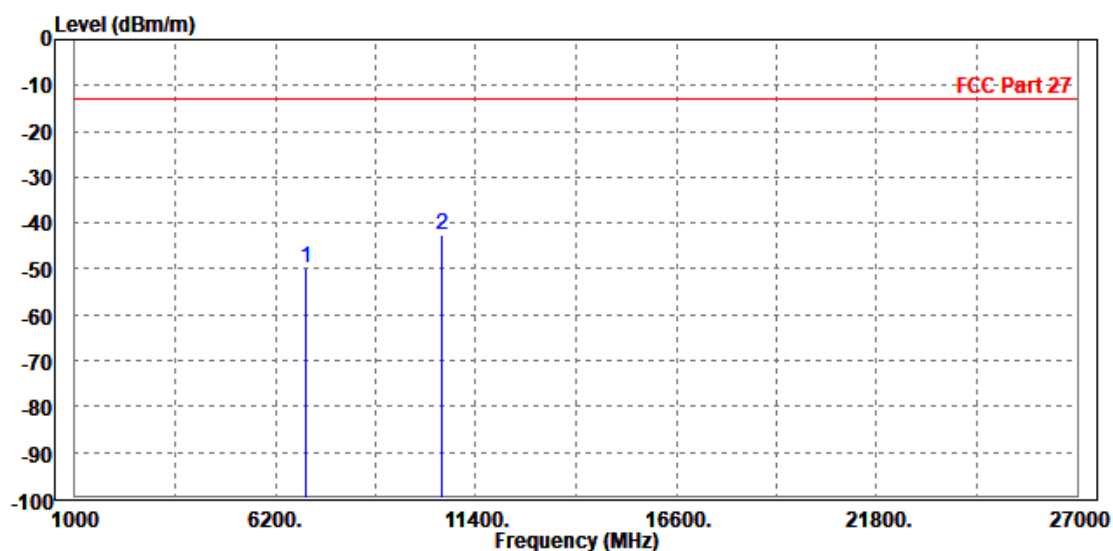
MODE	TX channel 633334	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7006.000	-50.32	-62.54	-13.00	-37.32	12.22	Peak	Horizontal
2	PP10500.030	-41.93	-60.53	-13.00	-28.93	18.60	Peak	Horizontal



MODE	TX channel 633334	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7000.020	-49.94	-62.67	-13.00	-36.94	12.73	Peak	Vertical
2	PP10500.030	-42.69	-60.60	-13.00	-29.69	17.91	Peak	Vertical





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VERITAS

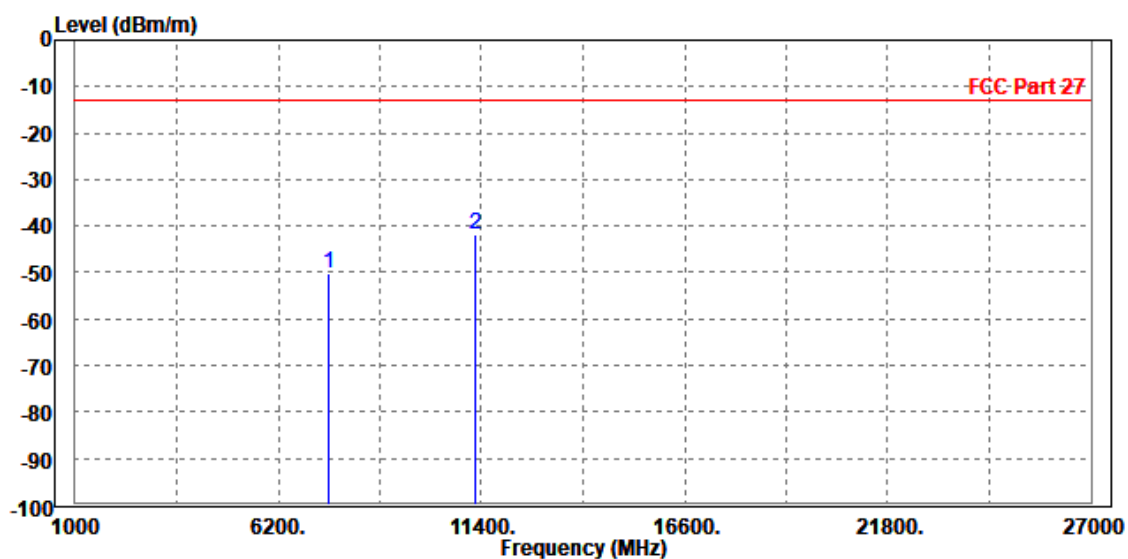
Test Report No.: PSU-QSU2306260109R10

DC_7A-n78A(Part 270):

CHANNEL BANDWIDTH: 100MHz / QPSK

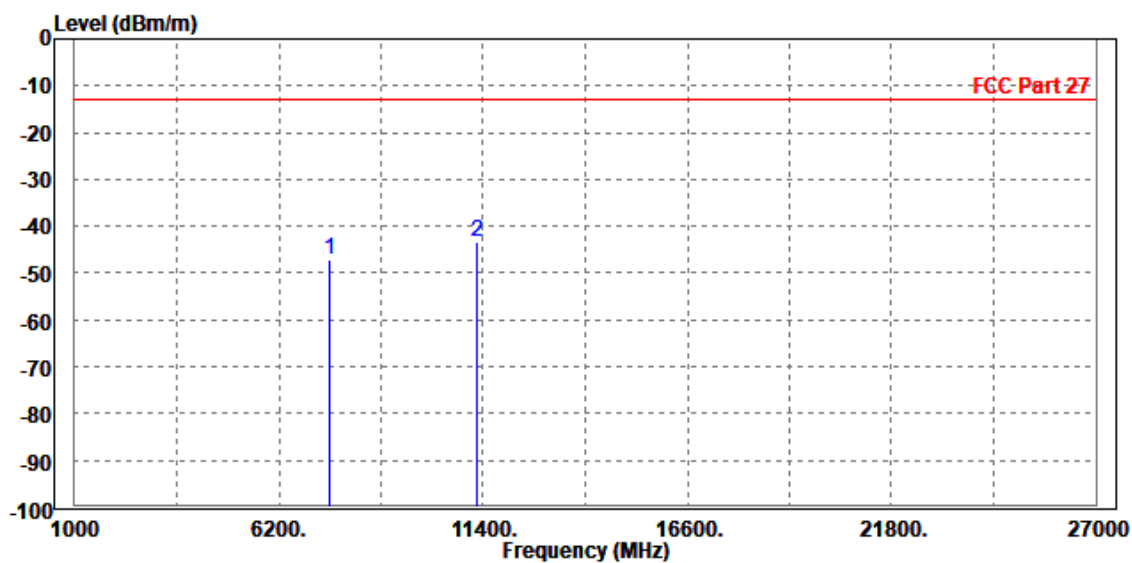
MODE	TX channel 650000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7500.000	-50.04	-61.46	-13.00	-37.04	11.42	Peak	Horizontal
2	PP11244.000	-41.78	-62.07	-13.00	-28.78	20.29	Peak	Horizontal



MODE	TX channel 650000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7500.000	-47.20	-61.90	-13.00	-34.20	14.70	Peak	Vertical
2	PP11250.000	-43.19	-62.10	-13.00	-30.19	18.91	Peak	Vertical





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VERITAS

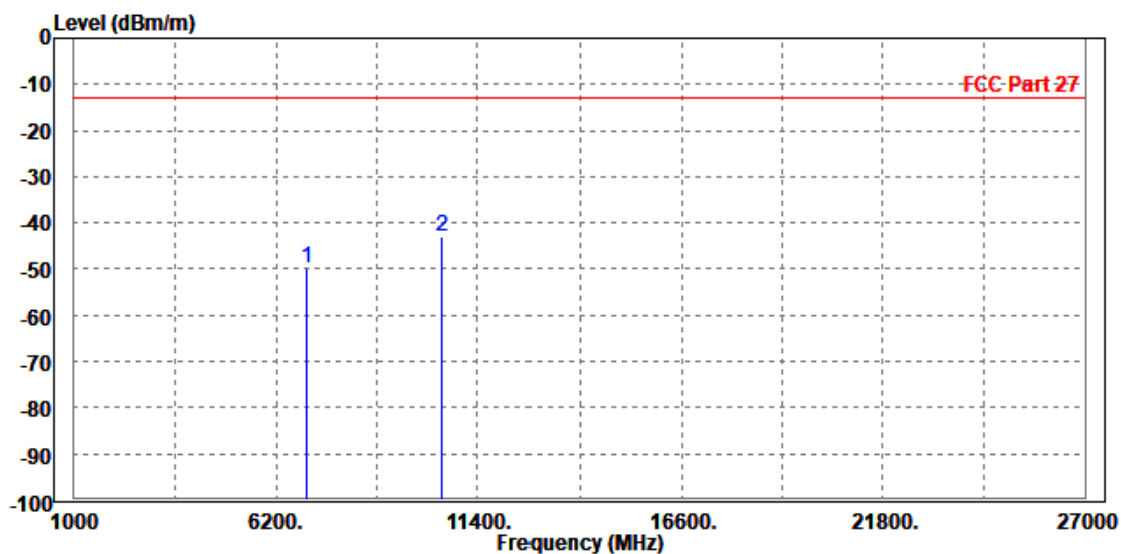
Test Report No.: PSU-QSU2306260109R10

DC_12A-n78A(Part 27Q):

CHANNEL BANDWIDTH: 100MHz / QPSK

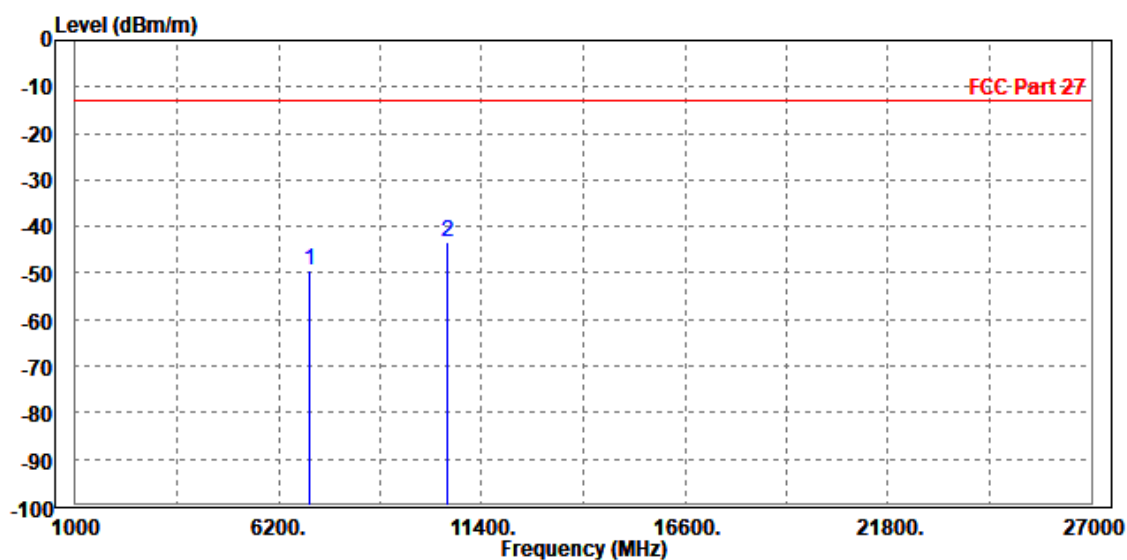
MODE	TX channel 633334	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7000.020	-49.74	-61.97	-13.00	-36.74	12.23	Peak	Horizontal
2	PP10490.000	-43.05	-61.65	-13.00	-30.05	18.60	Peak	Horizontal



MODE	TX channel 633334	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7006.000	-49.32	-62.07	-13.00	-36.32	12.75	Peak	Vertical
2	PP10500.030	-43.32	-61.23	-13.00	-30.32	17.91	Peak	Vertical





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VERITAS

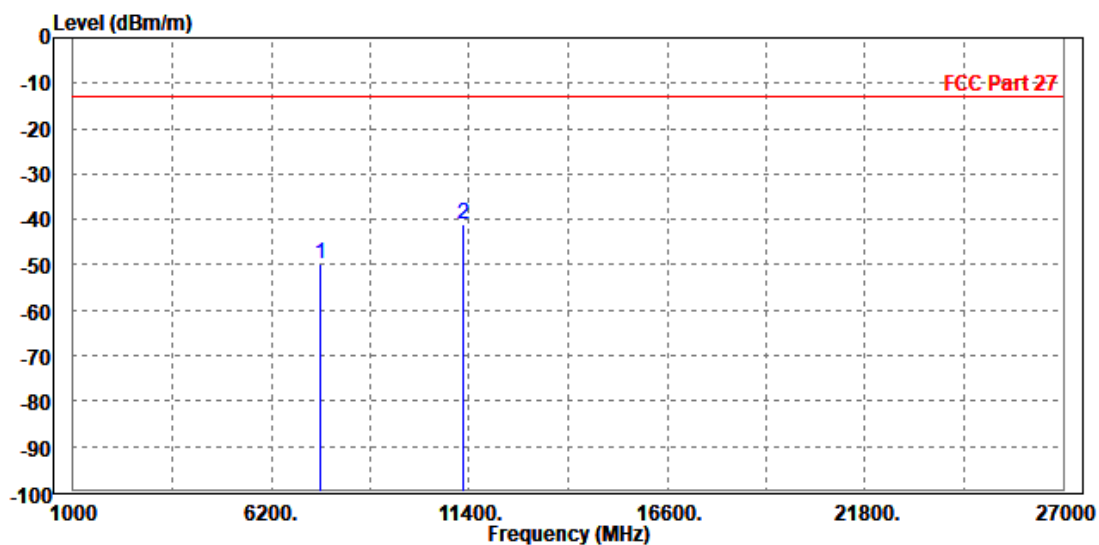
Test Report No.: PSU-QSU2306260109R10

DC_12A-n78A(Part 270):

CHANNEL BANDWIDTH: 100MHz / QPSK

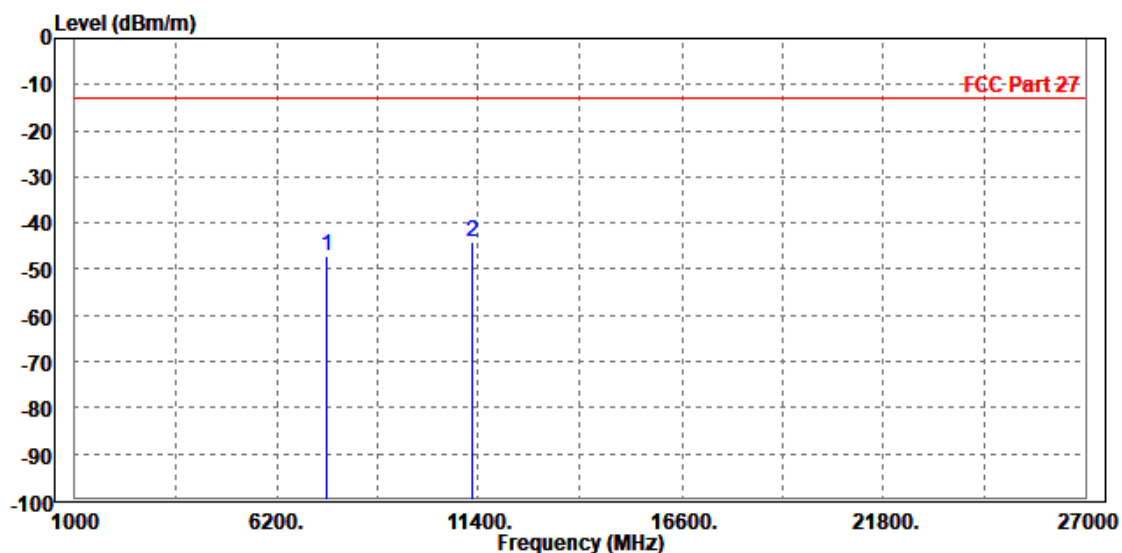
MODE	TX channel 650000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7500.000	-49.98	-61.40	-13.00	-36.98	11.42	Peak	Horizontal
2	PP11244.000	-41.20	-61.49	-13.00	-28.20	20.29	Peak	Horizontal



MODE	TX channel 650000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7500.000	-47.19	-61.89	-13.00	-34.19	14.70	Peak	Vertical
2	PP11250.000	-44.16	-63.07	-13.00	-31.16	18.91	Peak	Vertical





BUREAU
VERITAS

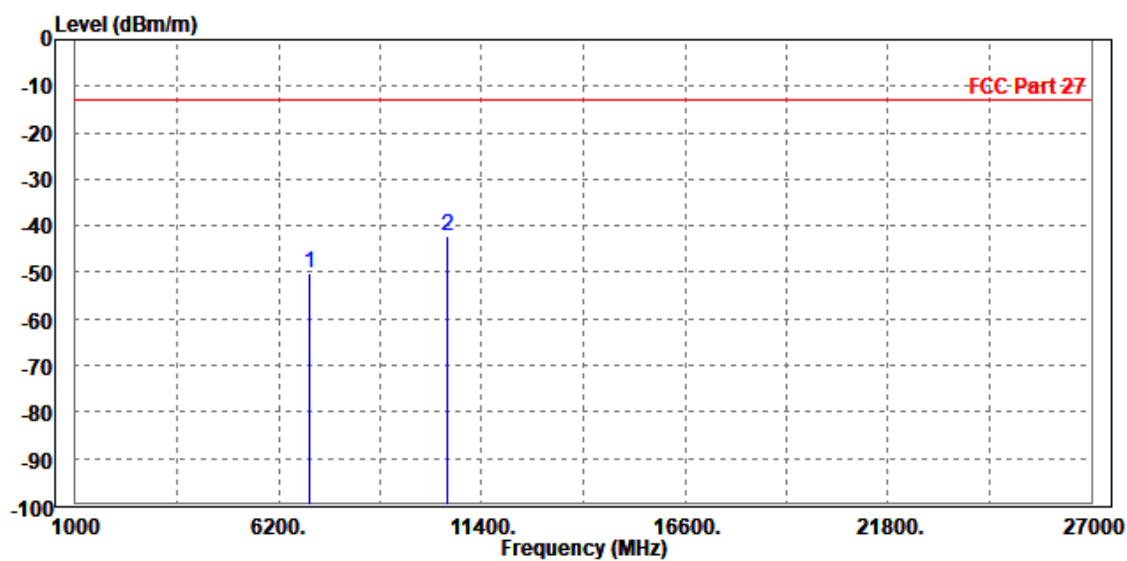
Test Report No.: PSU-QSU2306260109R10

DC_66A-n78A(Part 27Q):

CHANNEL BANDWIDTH: 100MHz / QPSK

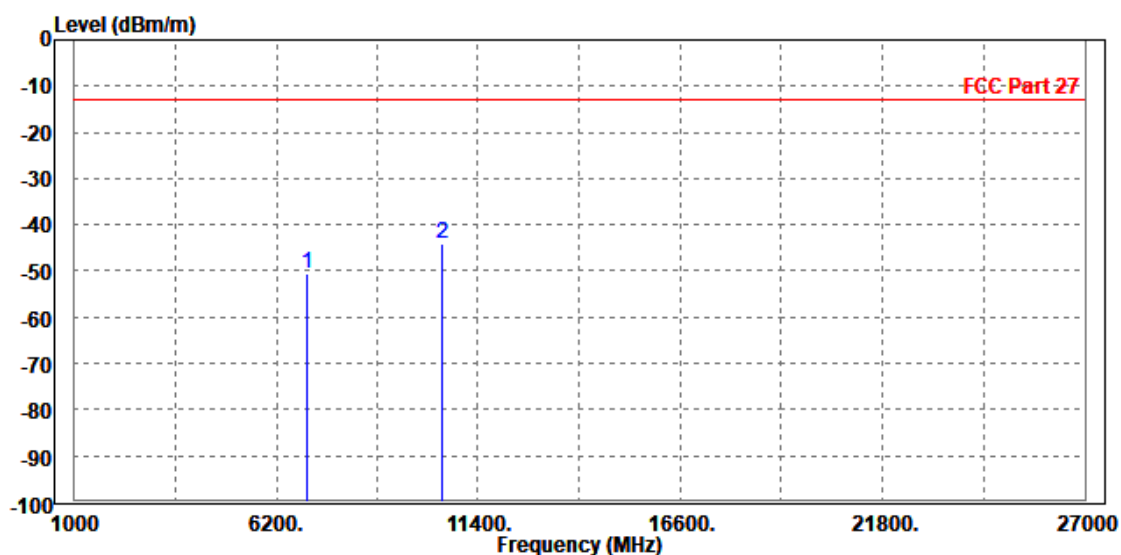
MODE	TX channel 633334	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7006.000	-50.17	-62.39	-13.00	-37.17	12.22	Peak	Horizontal
2	PP10500.030	-42.21	-60.81	-13.00	-29.21	18.60	Peak	Horizontal



MODE	TX channel 633334	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7000.020	-50.45	-63.18	-13.00	-37.45	12.73	Peak	Vertical
2	PP10490.000	-43.94	-61.85	-13.00	-30.94	17.91	Peak	Vertical





BUREAU
VERITAS

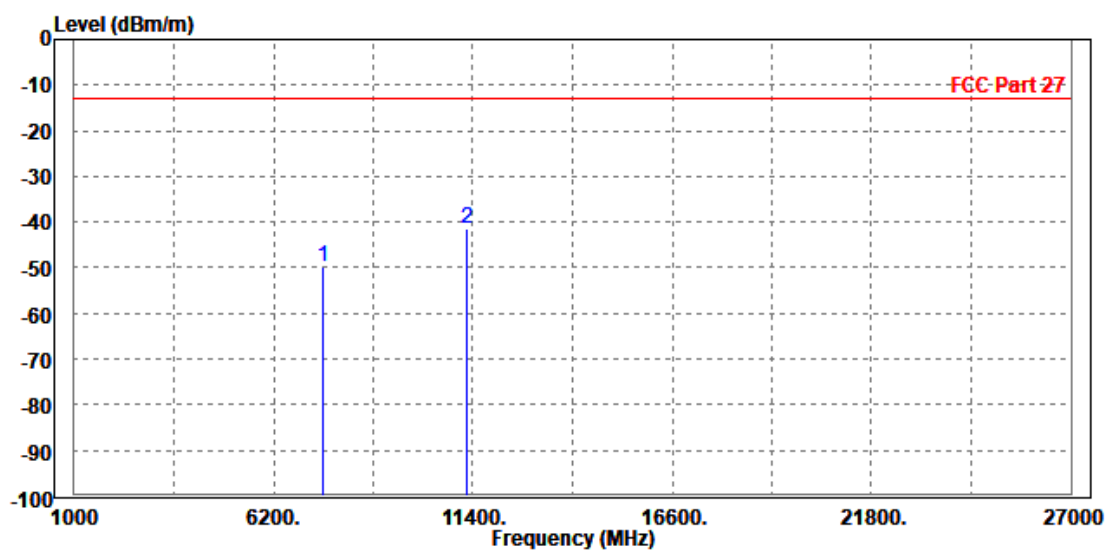
Test Report No.: PSU-QSU2306260109R10

DC_66A-n78A(Part 270):

CHANNEL BANDWIDTH: 100MHz / QPSK

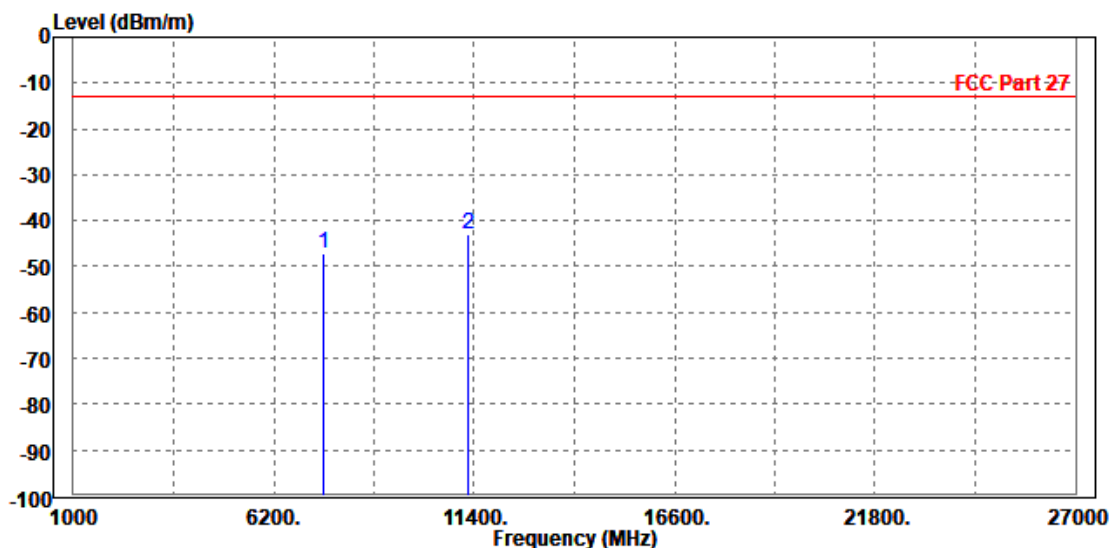
MODE	TX channel 650000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7500.000	-49.91	-61.33	-13.00	-36.91	11.42	Peak	Horizontal
2	PP11250.000	-41.51	-61.81	-13.00	-28.51	20.30	Peak	Horizontal



MODE	TX channel 650000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 48V
TESTED BY	Chao Wu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7500.000	-47.26	-61.96	-13.00	-34.26	14.70	Peak	Vertical
2	PP11244.000	-43.14	-62.09	-13.00	-30.14	18.95	Peak	Vertical

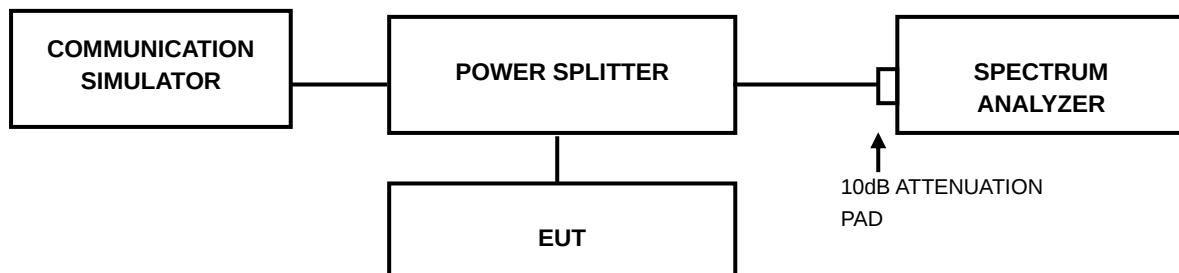


3.7 PEAK TO AVERAGE RATIO

3.7.1 LIMITS OF PEAK TO AVERAGE RATIO MEASUREMENT

In measuring transmissions in this band using an average power technique, the peak to-average ratio (PAR) of the transmission may not exceed 13 dB

3.7.2 TEST SETUP



3.7.3 TEST PROCEDURES

1. Set resolution/measurement bandwidth $\geq$ signal's occupied bandwidth;
2. Set the number of counts to a value that stabilizes the measured CCDF curve;
3. Record the maximum PAPR level associated with a probability of 0.1%.



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3.7.4 TEST RESULTS

Please Refer to the module report (Report No.: SEWA2205000015RG02, M Model name: AG550Q-NA, FCC ID: XMR2022AG550QNA).



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4 INFORMATION ON THE TESTING LABORATORIES

We, Huarui 7layers High Technology (Suzhou) Co., Ltd. ,were founded in 2020 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are accredited and approved according to ISO/IEC 17025.

If you have any comments, please feel free to contact us at the following:

Suzhou EMC/RF Lab:

Tel: +86 (0557) 368 1008



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5 MODIFICATIONS RECORDERS FOR ENGINEERING CHANGES TO THE EUT BY THE LAB

No any modifications are made to the EUT by the lab during the test.

--END--