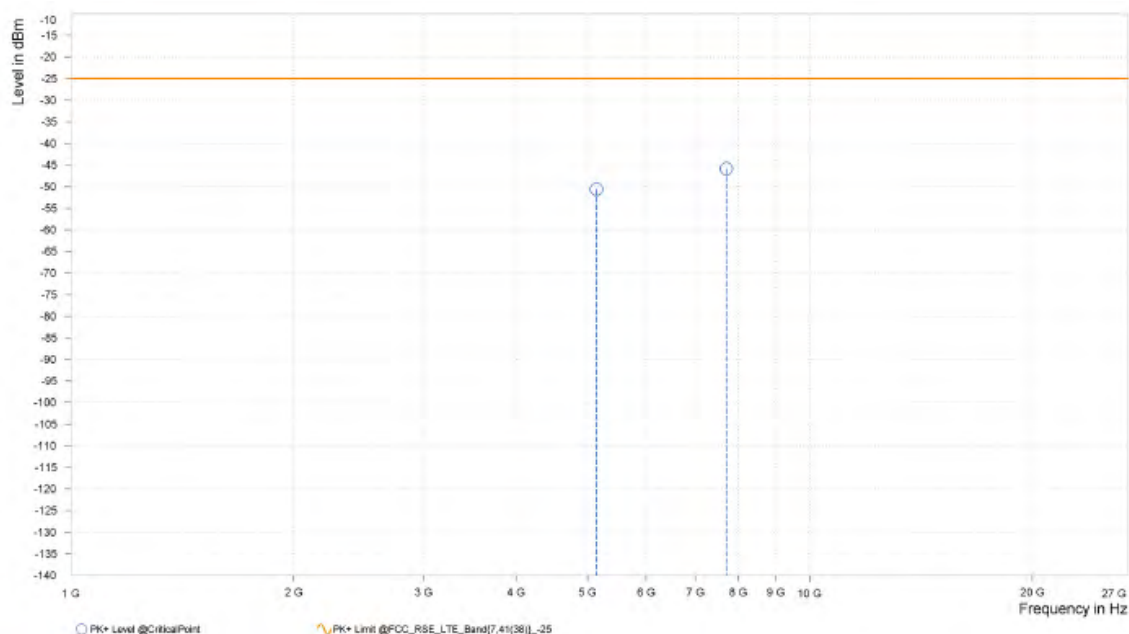


CHANNEL BANDWIDTH: 50MHz / QPSK

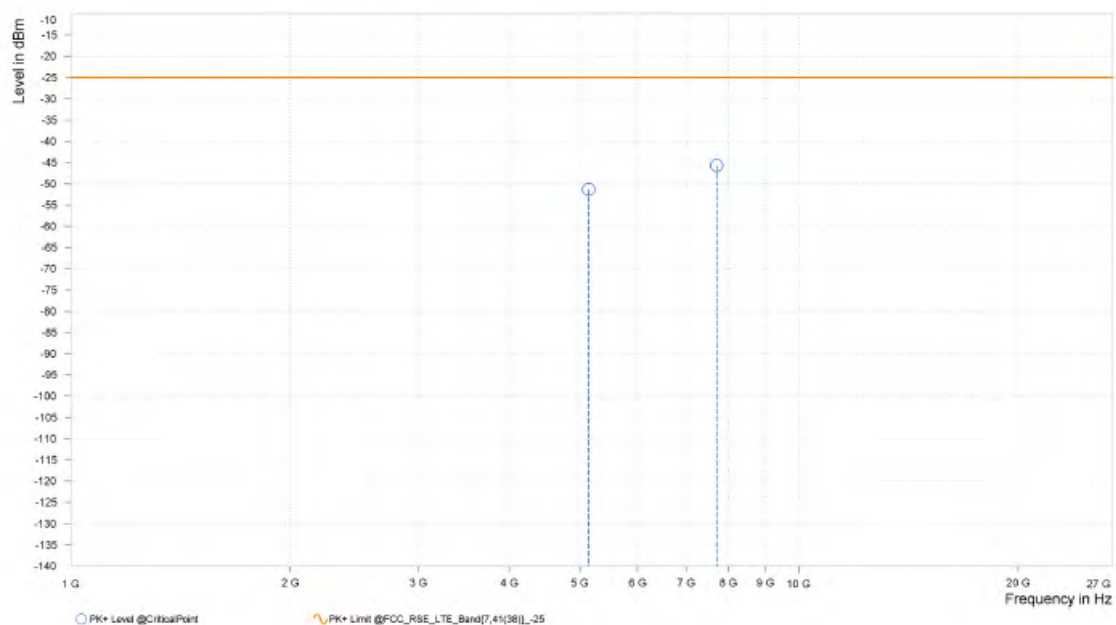
MODE	TX channel 518598	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,140.980	-50.63	-25.00	25.63	23.13	H	0.9	2.00
5	7,711.470	-45.83	-25.00	20.83	27.09	H	307.7	1.00



MODE	TX channel 518598	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

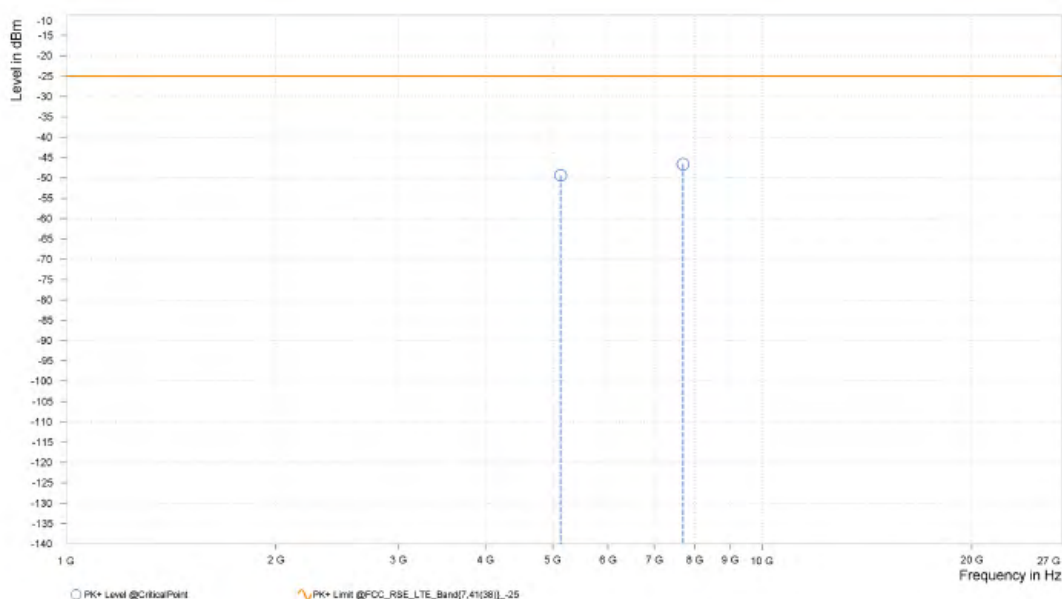
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,140.980	-51.36	-25.00	26.36	23.39	V	271	1.00
5	7,711.470	-45.73	-25.00	20.73	26.85	V	154.2	1.00



CHANNEL BANDWIDTH: 60MHz / QPSK

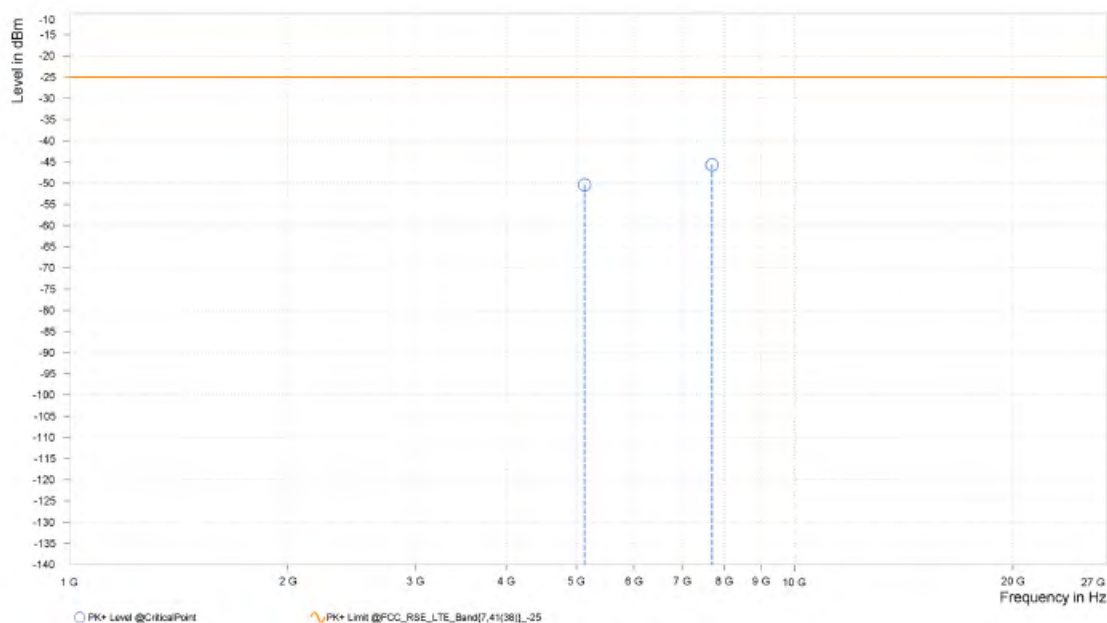
MODE	TX channel 518598	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,131.980	-49.41	-25.00	24.41	23.08	H	166.2	2.00
5	7,697.970	-46.63	-25.00	21.63	27.00	H	1	1.00



MODE	TX channel 518598	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

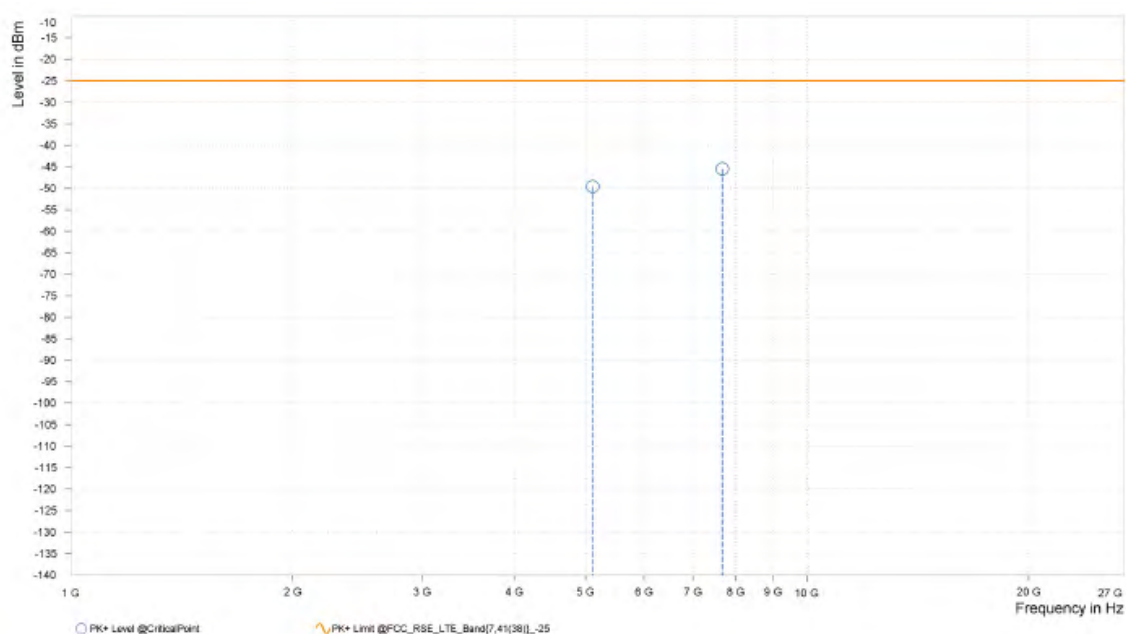
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,131.980	-50.37	-25.00	25.37	23.40	V	48	2.00
5	7,697.970	-45.66	-25.00	20.66	26.78	V	359.1	1.00



CHANNEL BANDWIDTH: 80MHz / QPSK

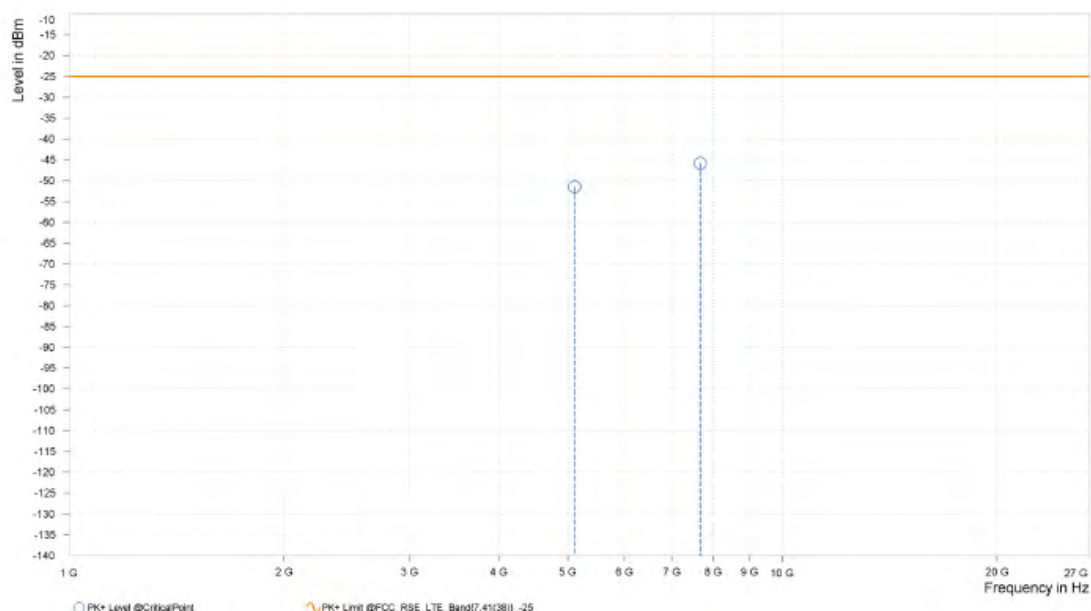
MODE	TX channel 518598	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,113.980	-49.58	-25.00	24.58	22.97	H	166.9	2.00
5	7,670.970	-45.51	-25.00	20.51	26.99	H	359.1	1.00



MODE	TX channel 518598	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

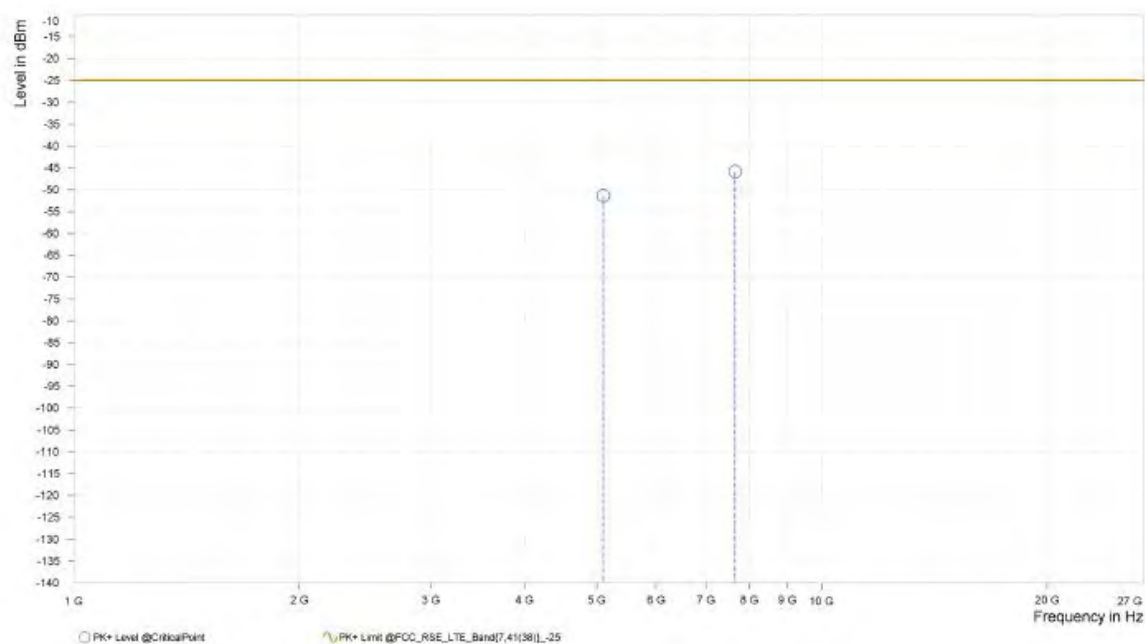
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,113.980	-51.51	-25.00	26.51	23.42	V	202.3	1.00
5	7,670.970	-45.84	-25.00	20.84	26.82	V	358.2	1.00



CHANNEL BANDWIDTH: 90MHz / QPSK

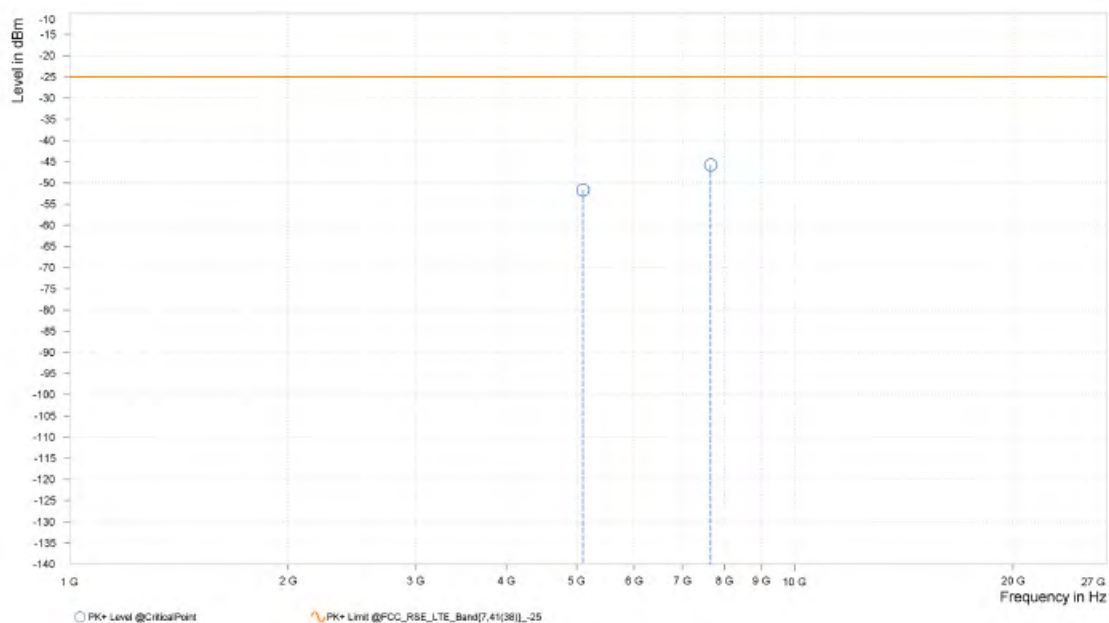
MODE	TX channel 518598	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,104.980	-51.41	-25.00	26.41	22.92	H	159	2.00
5	7,657.470	-45.87	-25.00	20.87	27.00	H	150.6	2.00



MODE	TX channel 518598	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

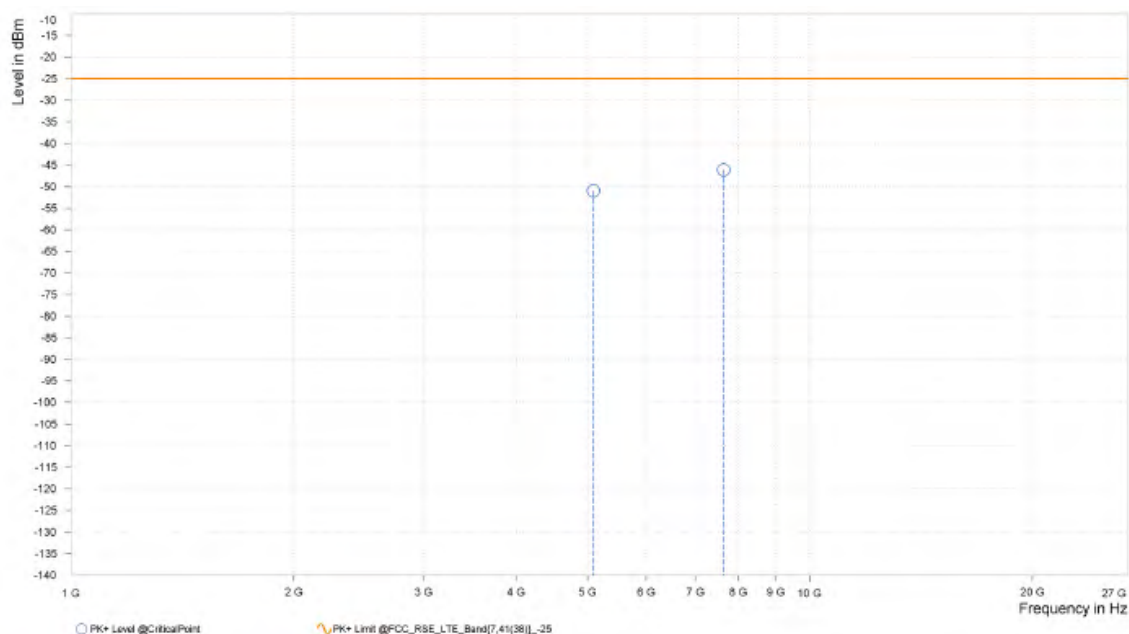
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,104.980	-51.68	-25.00	26.68	23.43	V	280.8	1.00
5	7,657.470	-45.79	-25.00	20.79	26.85	V	359	2.00



CHANNEL BANDWIDTH: 100MHz / QPSK

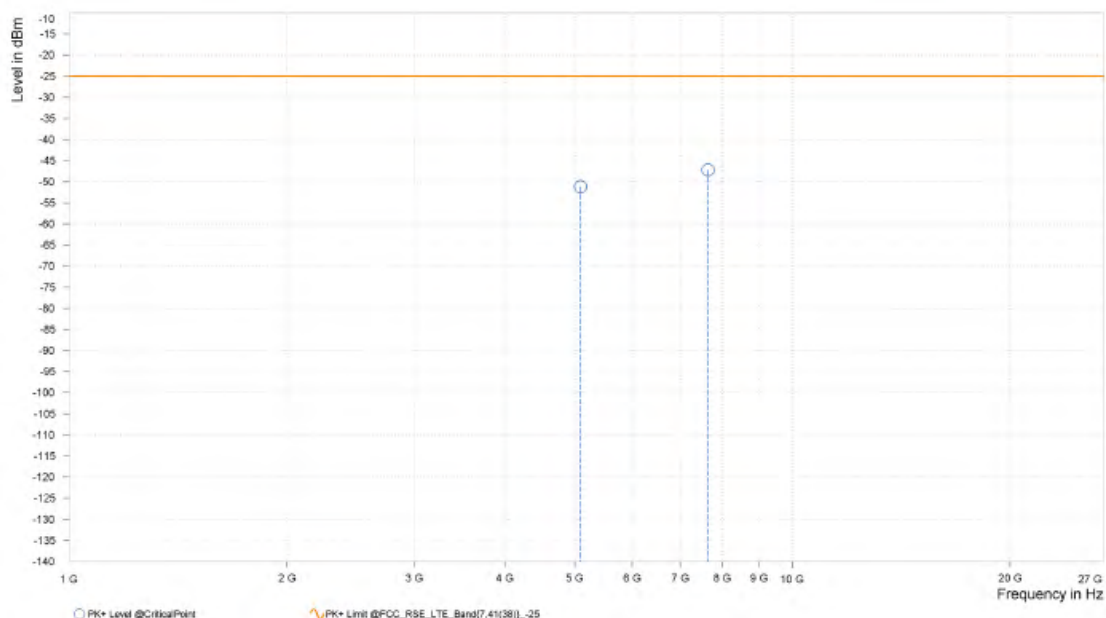
MODE	TX channel 518598	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,095.980	-50.97	-25.00	25.97	22.91	H	0.9	2.00
5	7,643.970	-46.11	-25.00	21.11	26.98	H	359.1	1.00



MODE	TX channel 518598	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,095.980	-51.16	-25.00	26.16	23.46	V	359.1	1.00
5	7,643.970	-47.22	-25.00	22.22	26.82	V	285.1	1.00

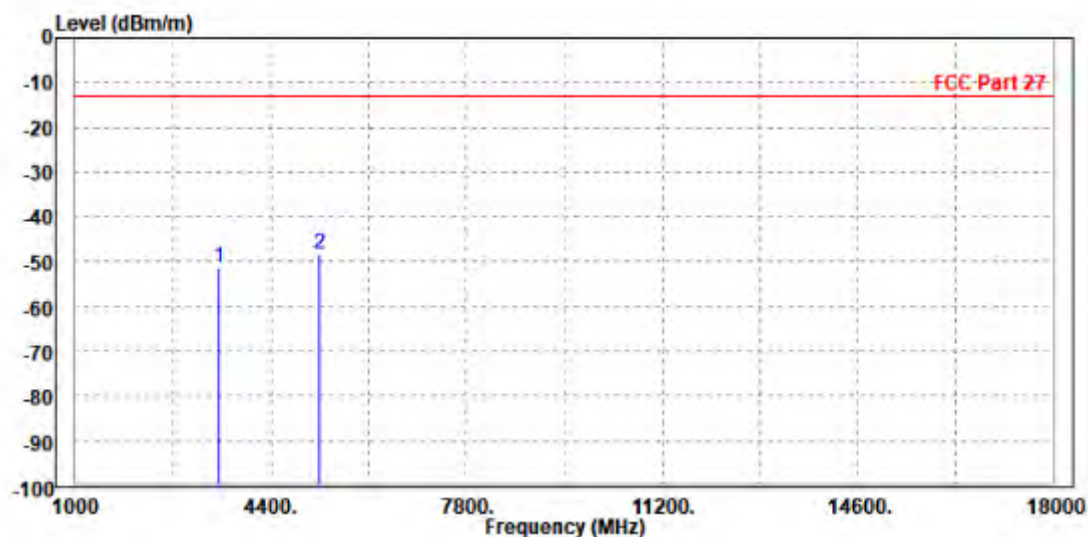


N66

CHANNEL BANDWIDTH: 5MHz / QPSK

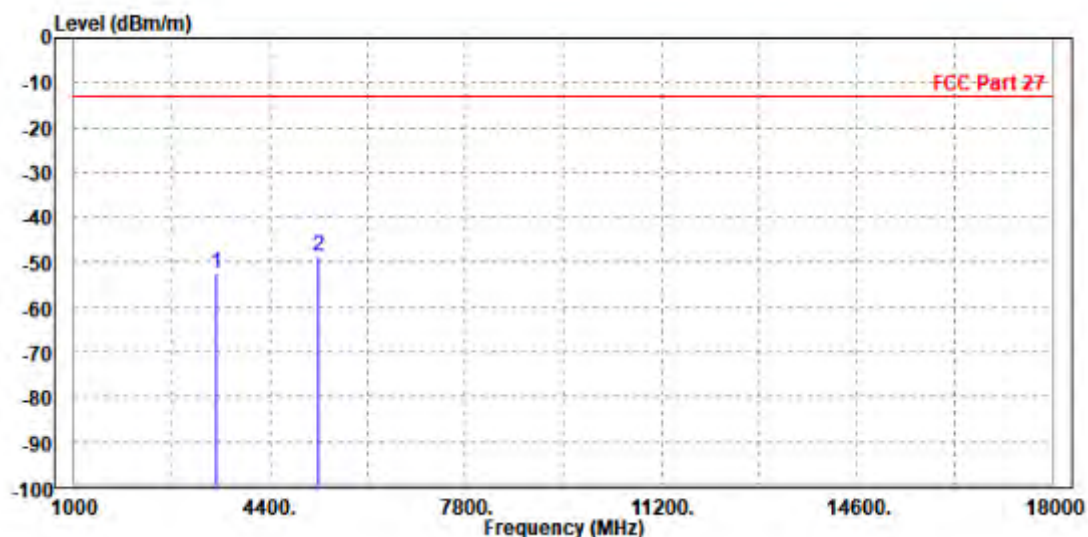
MODE	TX channel 349000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3490.000	-51.32	-59.87	-13.00	-38.32	8.55	Peak	Horizontal
2 PP	5233.000	-48.40	-59.80	-13.00	-35.40	11.40	Peak	Horizontal



MODE	TX channel 349000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
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	-52.37	-61.02	-13.00	-39.37	8.65	Peak	Vertical
2 PP	5235.000	-48.69	-60.52	-13.00	-35.69	11.83	Peak	Vertical





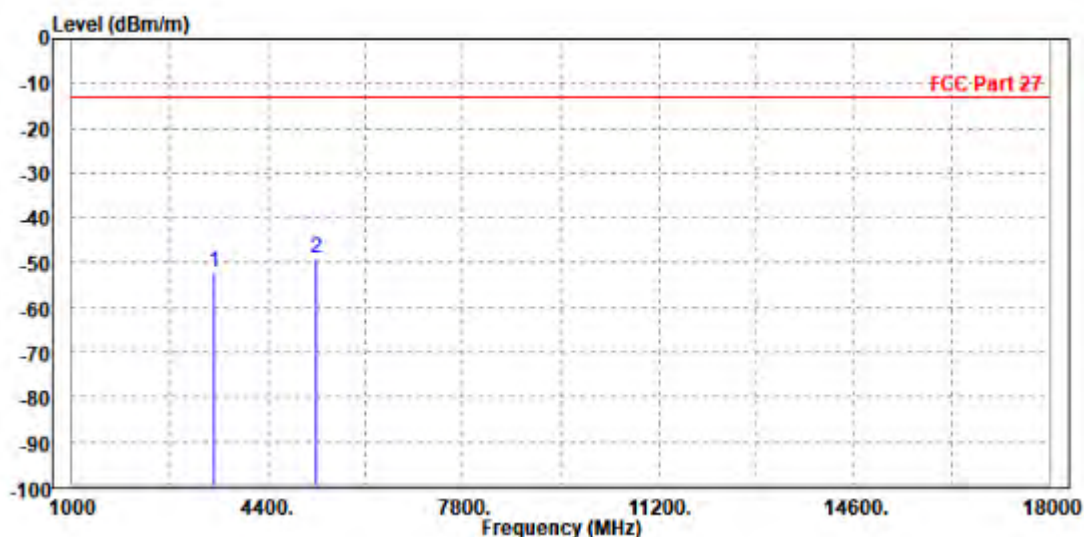
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Test Report No.: W7L-240430W002RF01

CHANNEL BANDWIDTH: 10MHz / QPSK

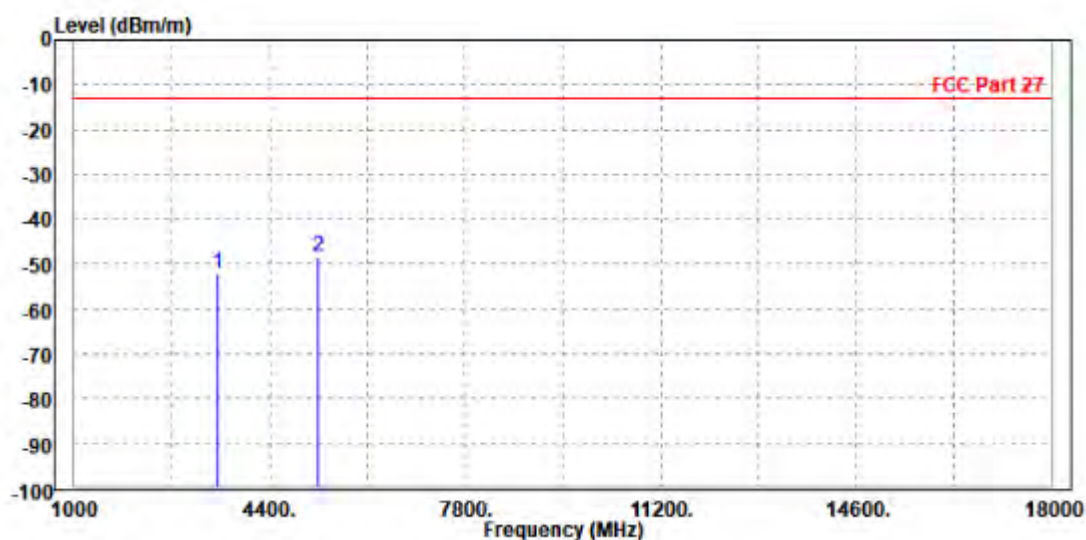
MODE	TX channel 349000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3482.000	-52.04	-60.59	-13.00	-39.04	8.55	Peak	Horizontal
2 PP	5235.000	-48.98	-60.39	-13.00	-35.98	11.41	Peak	Horizontal



MODE	TX channel 349000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
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	-51.99	-60.63	-13.00	-38.99	8.64	Peak	Vertical
2 PP	5233.000	-48.35	-60.17	-13.00	-35.35	11.82	Peak	Vertical





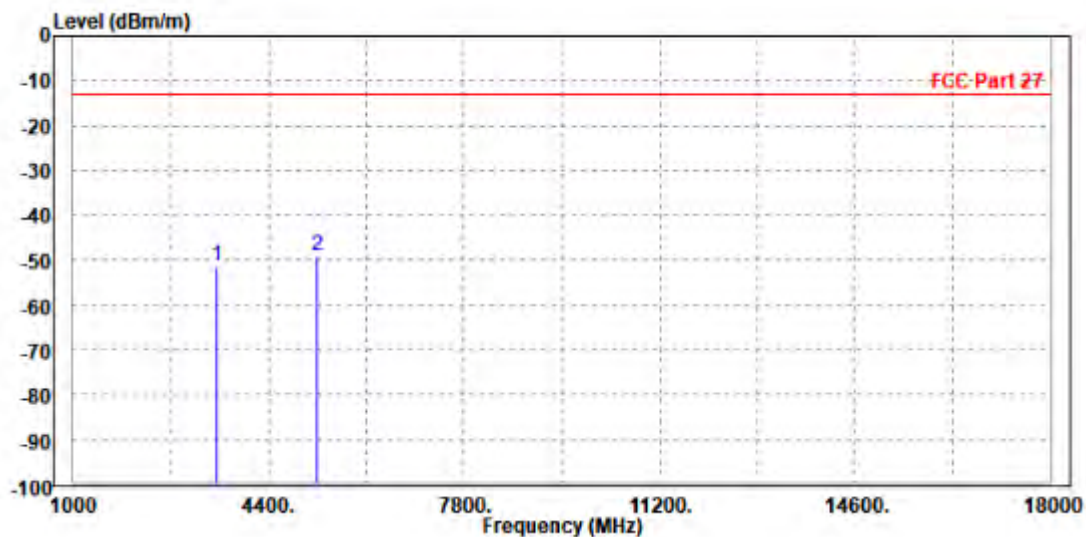
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VERITAS

Test Report No.: W7L-240430W002RF01

CHANNEL BANDWIDTH: 15MHz / QPSK

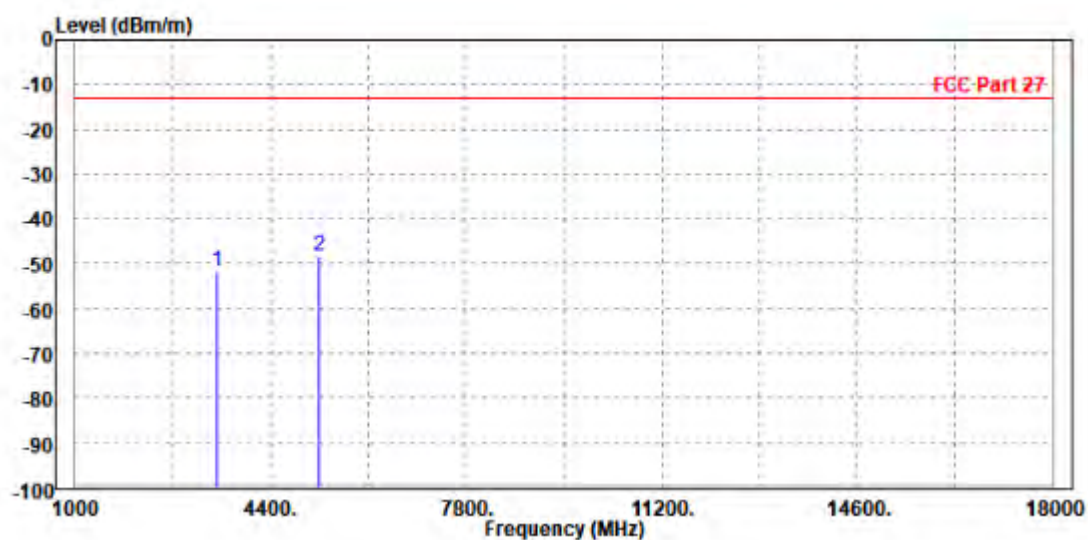
MODE	TX channel 349000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3490.000	-51.34	-59.89	-13.00	-38.34	8.55	Peak	Horizontal
2 PP	5233.000	-49.18	-60.58	-13.00	-36.18	11.40	Peak	Horizontal



MODE	TX channel 349000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

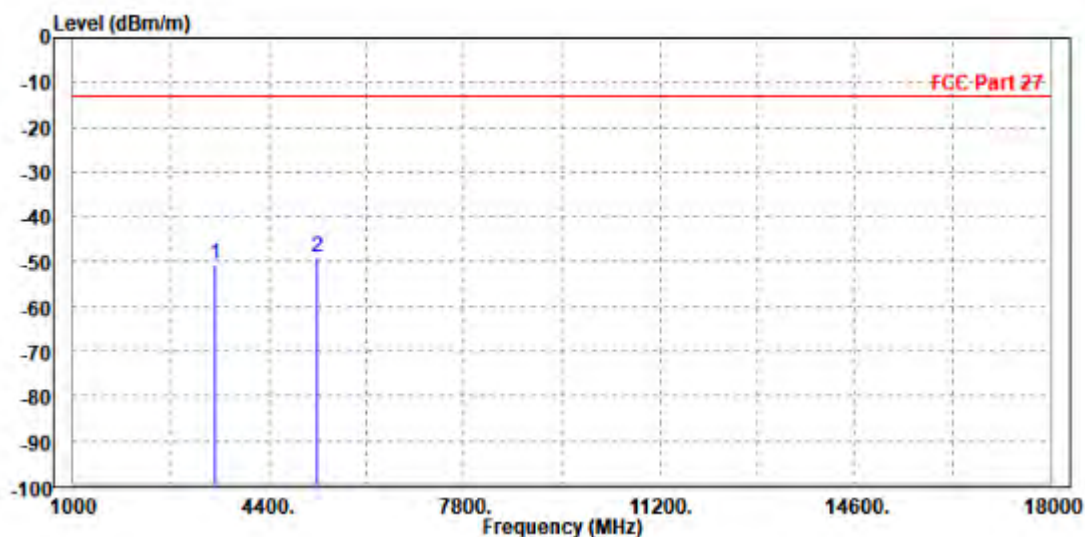
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3482.000	-51.75	-60.40	-13.00	-38.75	8.65	Peak	Vertical
2 PP	5235.000	-48.26	-60.09	-13.00	-35.26	11.83	Peak	Vertical



CHANNEL BANDWIDTH: 20MHz / QPSK

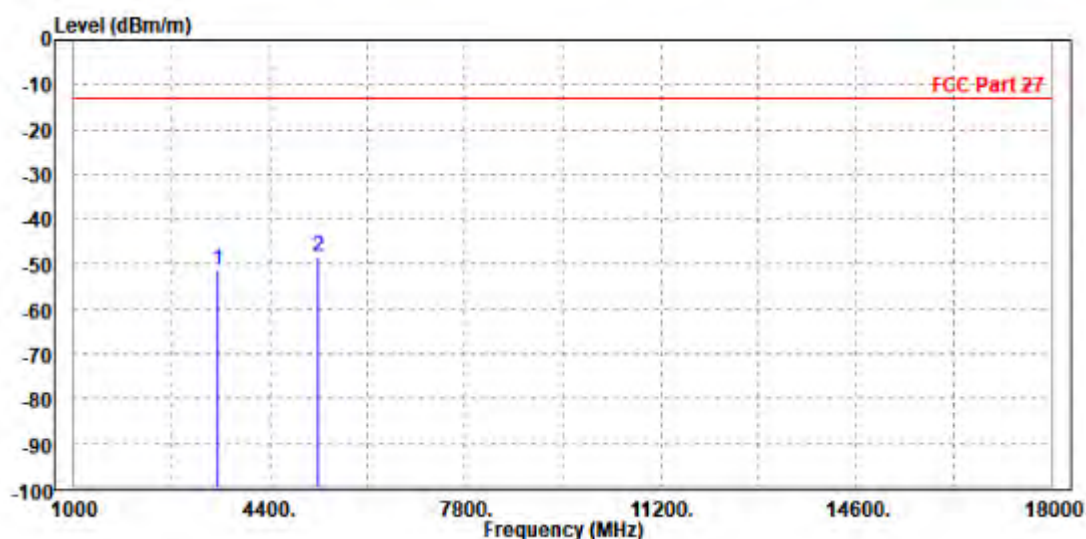
MODE	TX channel 349000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3482.000	-50.47	-59.02	-13.00	-37.47	8.55	Peak	Horizontal
2 PP	5235.000	-49.14	-60.55	-13.00	-36.14	11.41	Peak	Horizontal



MODE	TX channel 349000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
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	-51.48	-60.12	-13.00	-38.48	8.64	Peak	Vertical
2 PP	5233.000	-48.28	-60.10	-13.00	-35.28	11.82	Peak	Vertical





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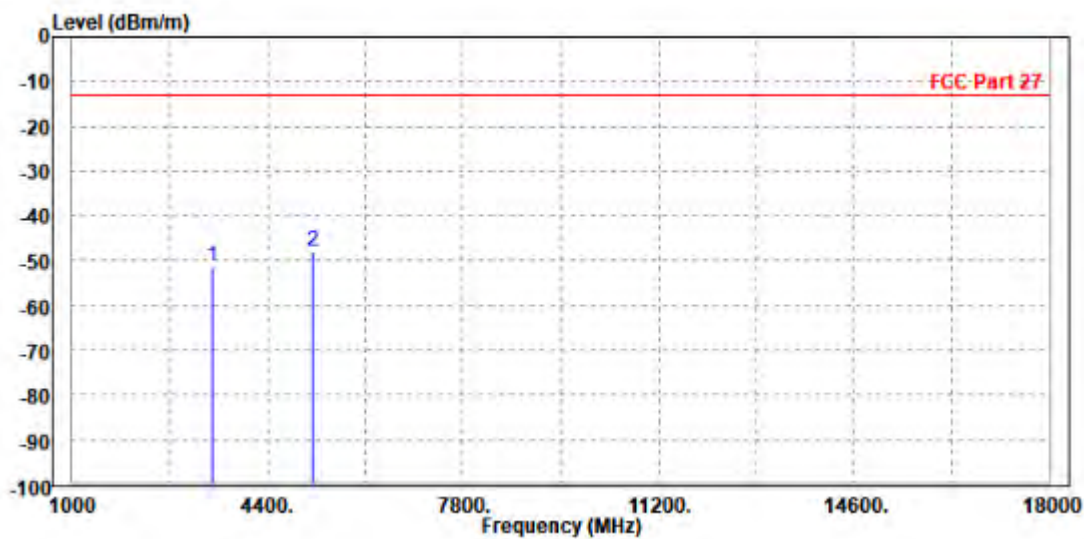
Test Report No.: W7L-240430W002RF01

CHANNEL BANDWIDTH: 30MHz / QPSK

CH 345000

MODE	TX channel 345000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
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	3448.000	-51.35	-59.88	-13.00	-38.35	8.53	Peak	Horizontal
2 PP	5175.000	-47.76	-59.08	-13.00	-34.76	11.32	Peak	Horizontal



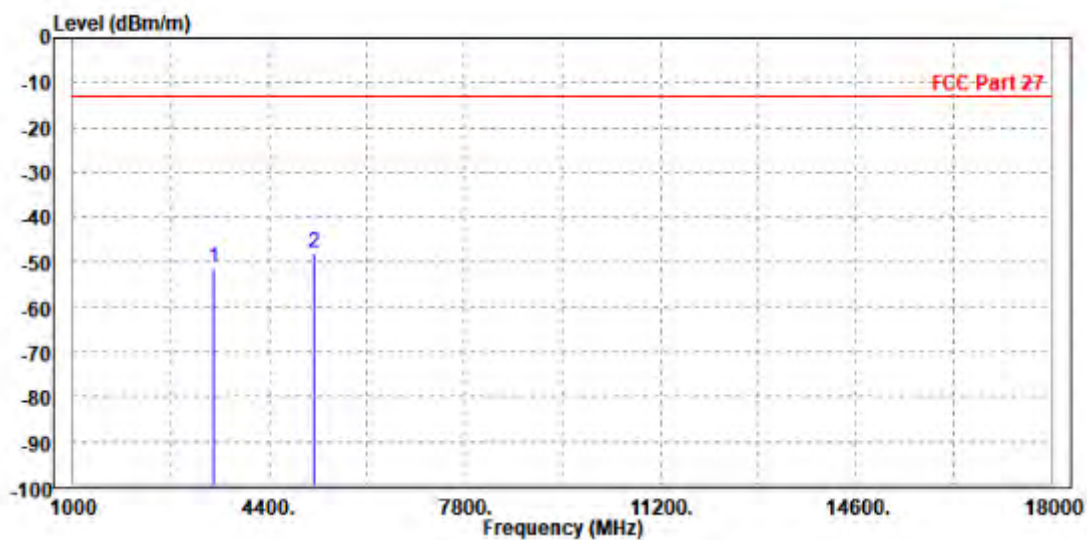


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Test Report No.: W7L-240430W002RF01

MODE	TX channel 345000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

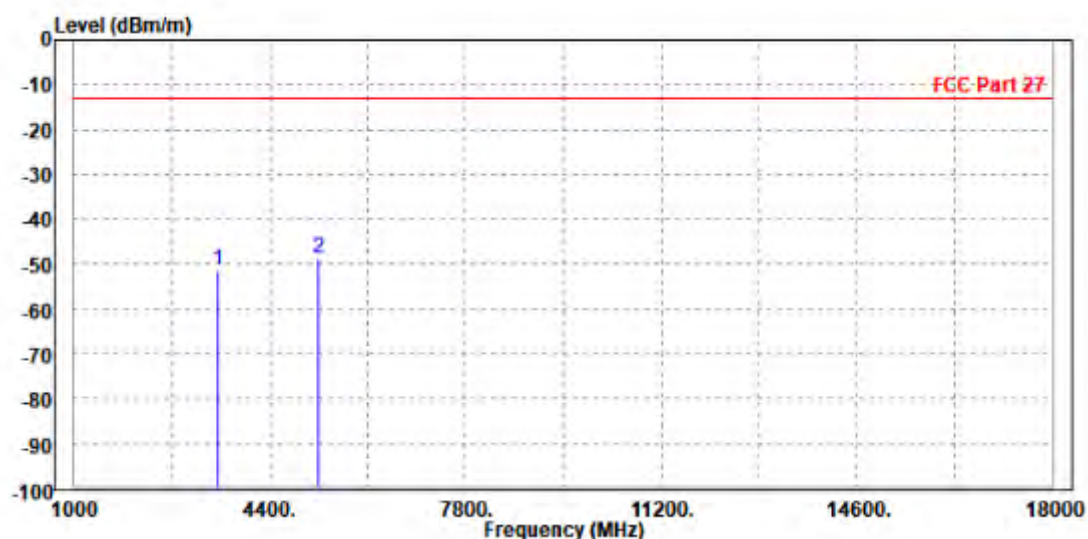
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3450.000	-51.48	-60.14	-13.00	-38.48	8.66	Peak	Vertical
2 PP	5182.000	-47.99	-59.71	-13.00	-34.99	11.72	Peak	Vertical



CH 349000

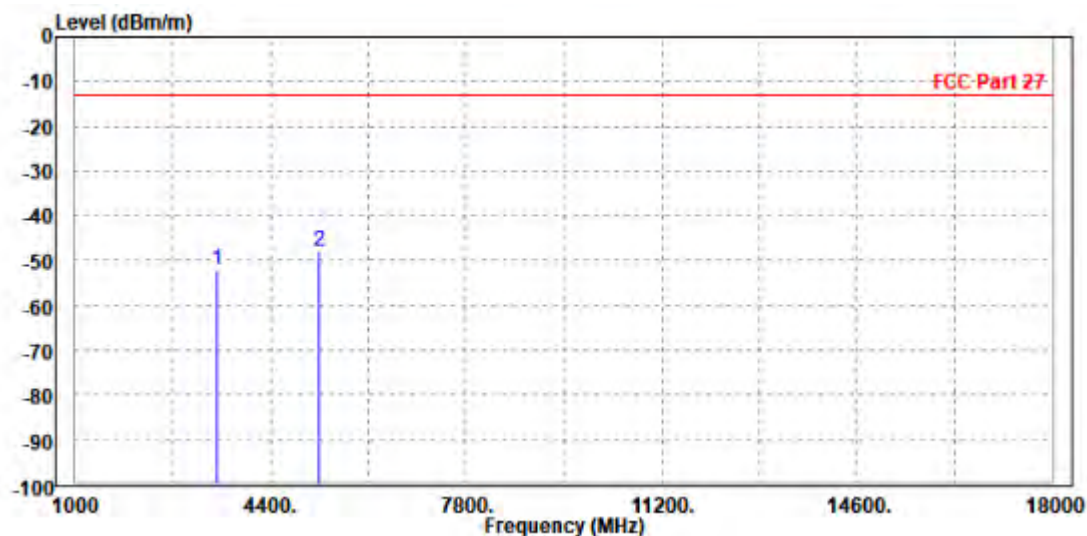
MODE	TX channel 349000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3490.000	-51.21	-59.76	-13.00	-38.21	8.55	Peak	Horizontal
2 PP	5233.000	-48.53	-59.93	-13.00	-35.53	11.40	Peak	Horizontal



MODE	TX channel 349000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
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	-52.13	-60.78	-13.00	-39.13	8.65	Peak	Vertical
2 PP	5235.000	-48.03	-59.86	-13.00	-35.03	11.83	Peak	Vertical





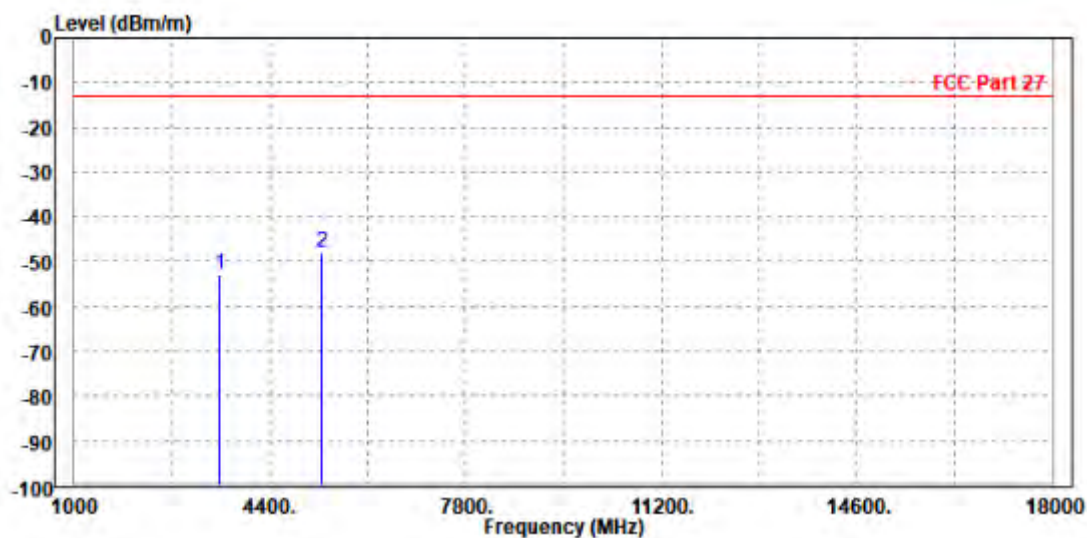
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Test Report No.: W7L-240430W002RF01

CH 353000

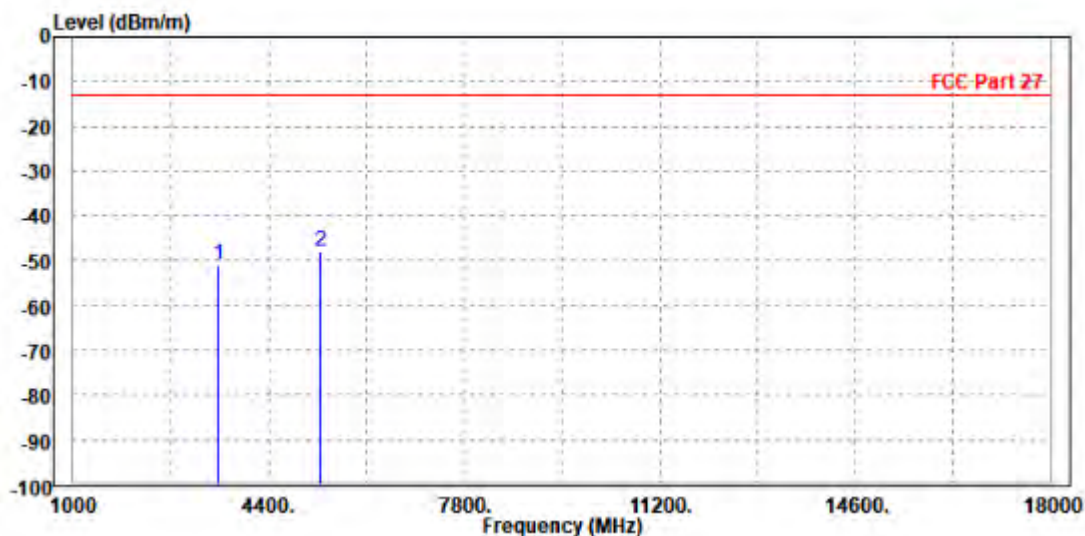
MODE	TX channel 353000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3530.000	-52.70	-61.24	-13.00	-39.70	8.54	Peak	Horizontal
2 PP	5301.000	-47.79	-59.30	-13.00	-34.79	11.51	Peak	Horizontal



MODE	TX channel 353000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
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	3533.000	-51.06	-59.70	-13.00	-38.06	8.64	Peak	Vertical
2 PP	5295.000	-47.79	-59.73	-13.00	-34.79	11.94	Peak	Vertical

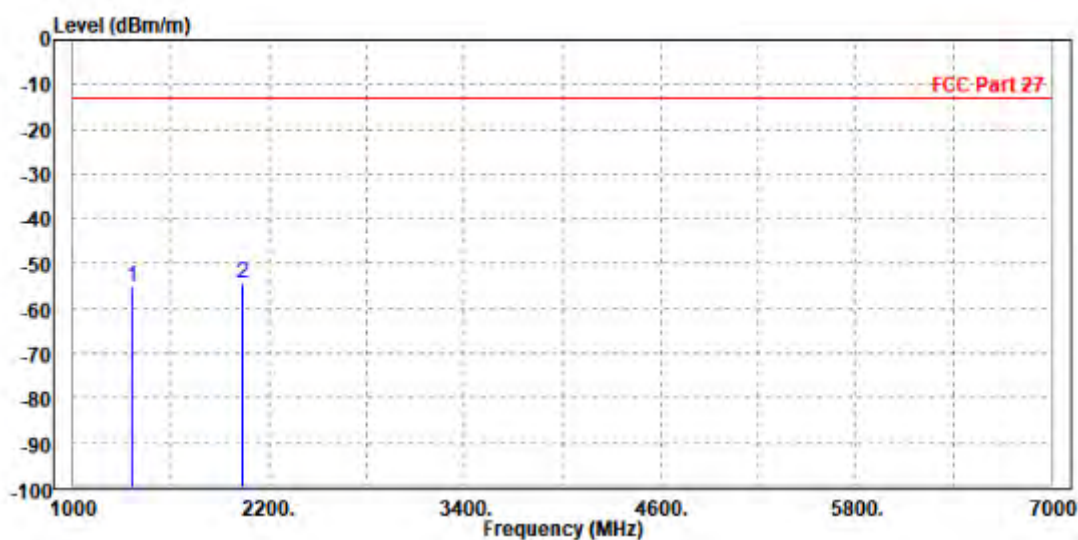


N71

CHANNEL BANDWIDTH: 5MHz / QPSK

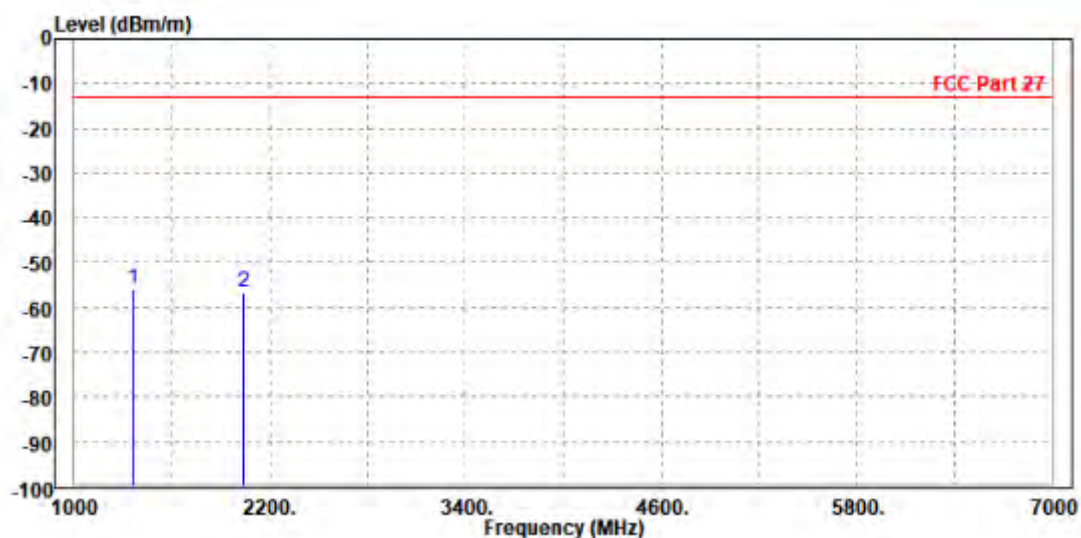
MODE	TX channel 136100	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	1360.000	-55.01	-57.78	-13.00	-42.01	2.77	Peak	Horizontal
2 PP	2040.000	-54.24	-59.10	-13.00	-41.24	4.86	Peak	Horizontal



MODE	TX channel 136100	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

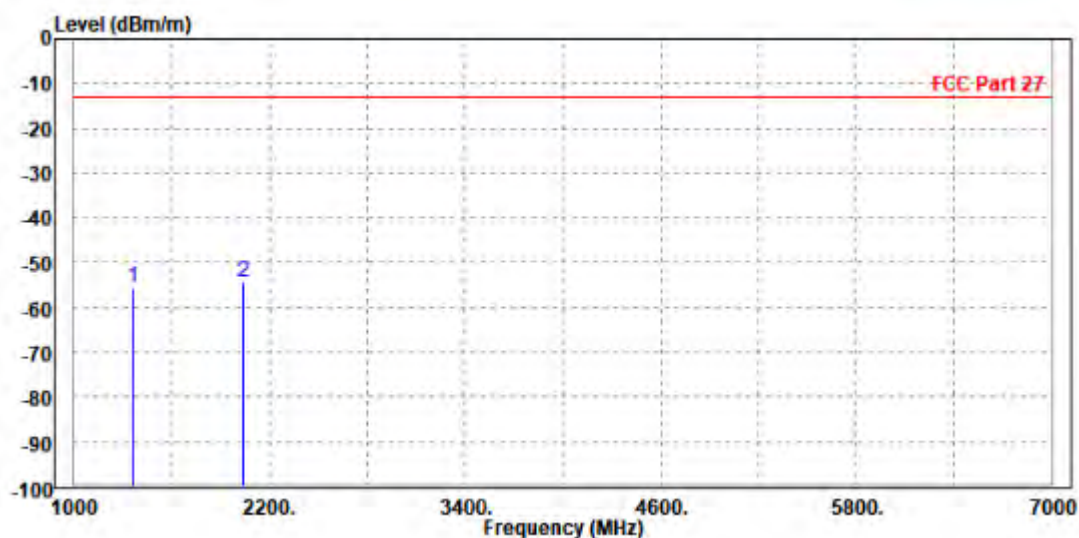
		Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
		MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	PP	1360.000	-55.74	-58.53	-13.00	-42.74	2.79	Peak	Vertical
2		2038.000	-56.49	-60.63	-13.00	-43.49	4.14	Peak	Vertical



CHANNEL BANDWIDTH: 10MHz / QPSK

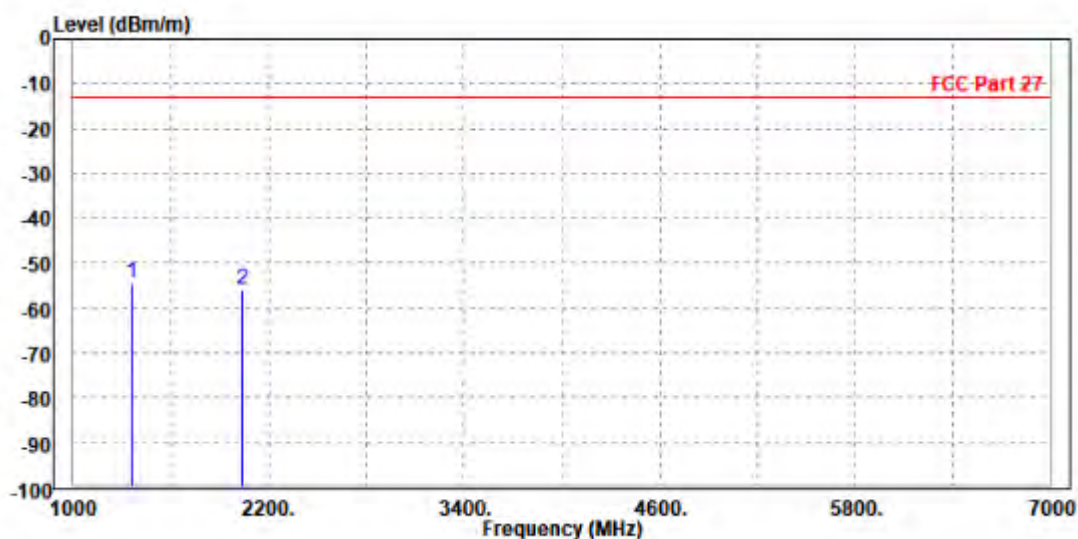
MODE	TX channel 136100	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	1360.000	-55.65	-58.42	-13.00	-42.65	2.77	Peak	Horizontal
2 PP	2038.000	-54.38	-59.23	-13.00	-41.38	4.85	Peak	Horizontal



MODE	TX channel 136100	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

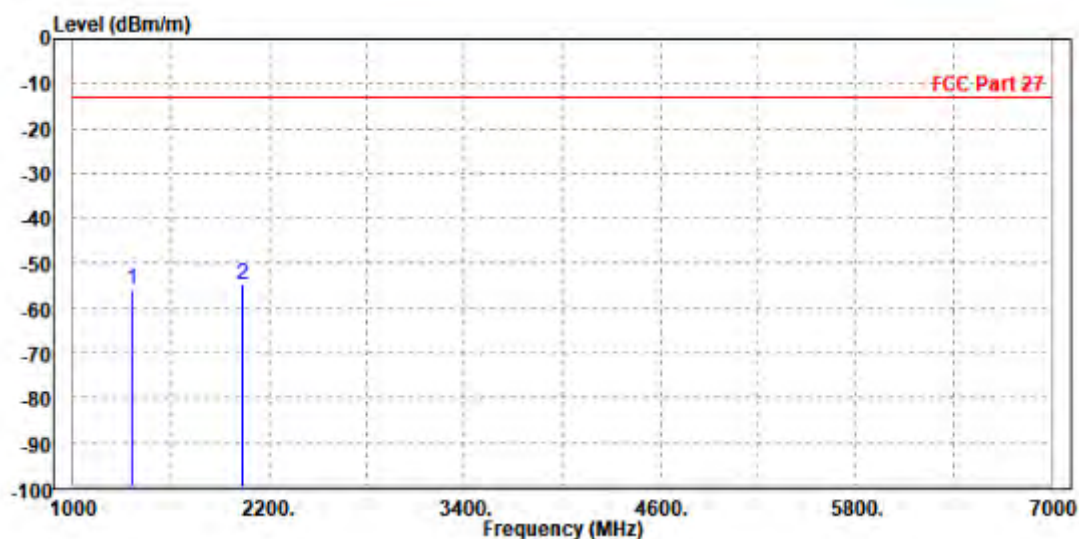
		Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
		MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	PP	1360.000	-54.35	-57.14	-13.00	-41.35	2.79	Peak	Vertical
2		2040.000	-55.99	-60.13	-13.00	-42.99	4.14	Peak	Vertical



CHANNEL BANDWIDTH: 15MHz / QPSK

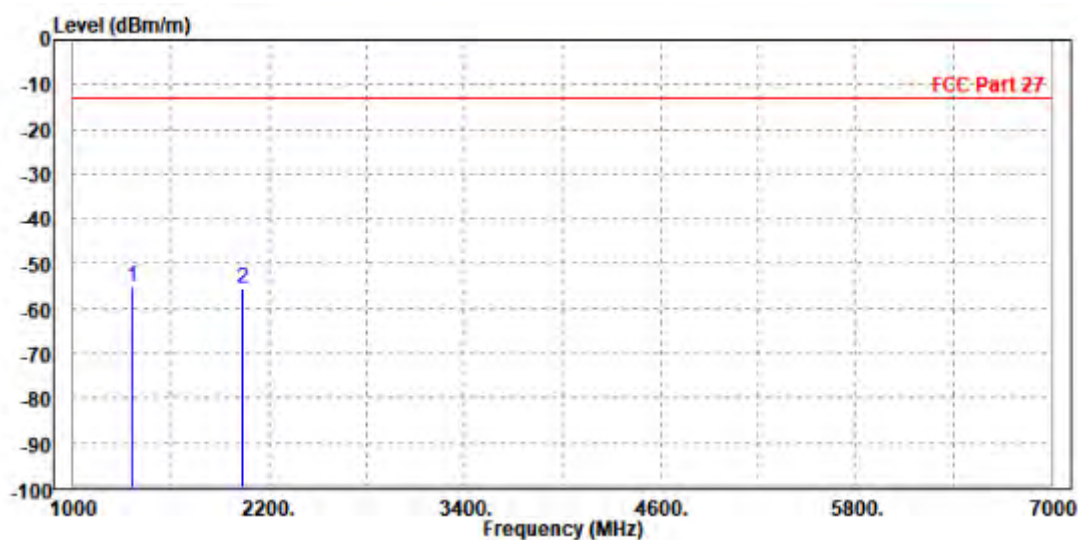
MODE	TX channel 136100	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	1360.000	-55.77	-58.54	-13.00	-42.77	2.77	Peak	Horizontal
2 PP	2038.000	-54.62	-59.47	-13.00	-41.62	4.85	Peak	Horizontal



MODE	TX channel 136100	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

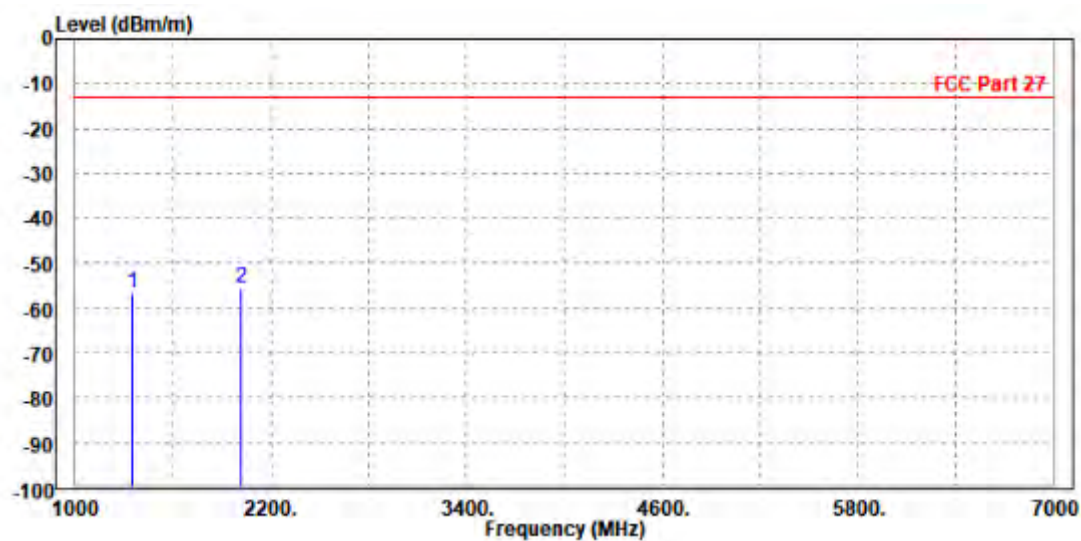
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	PP 1360.000	-55.27	-58.06	-13.00	-42.27	2.79	Peak	Vertical
2	2040.000	-55.42	-59.56	-13.00	-42.42	4.14	Peak	Vertical



CHANNEL BANDWIDTH: 20MHz / QPSK CH 134600:

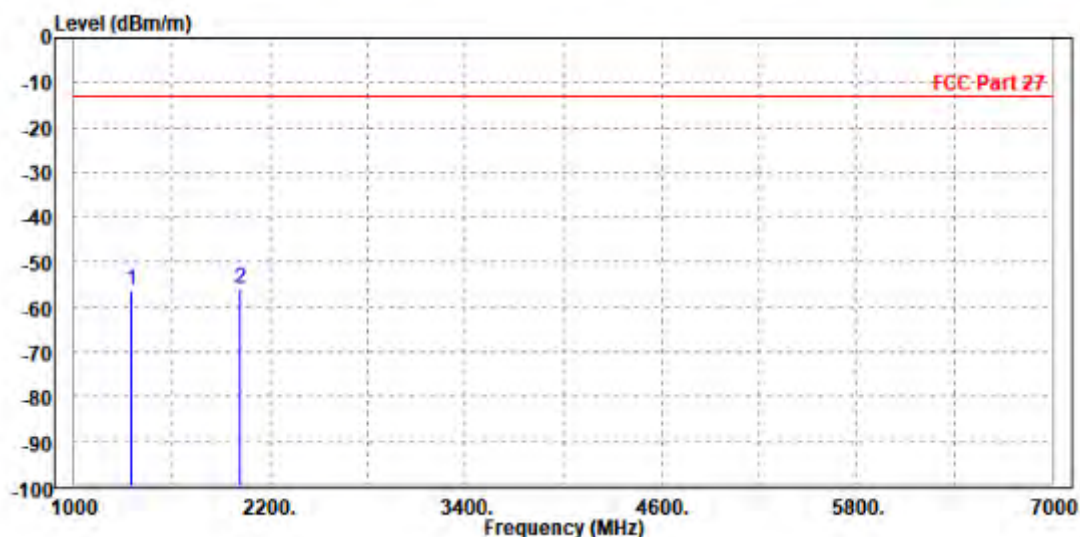
MODE	TX channel 134600	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	1346.000	-56.49	-59.22	-13.00	-43.49	2.73	Peak	Horizontal
2 PP	2020.000	-55.41	-60.21	-13.00	-42.41	4.80	Peak	Horizontal



MODE	TX channel 134600	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

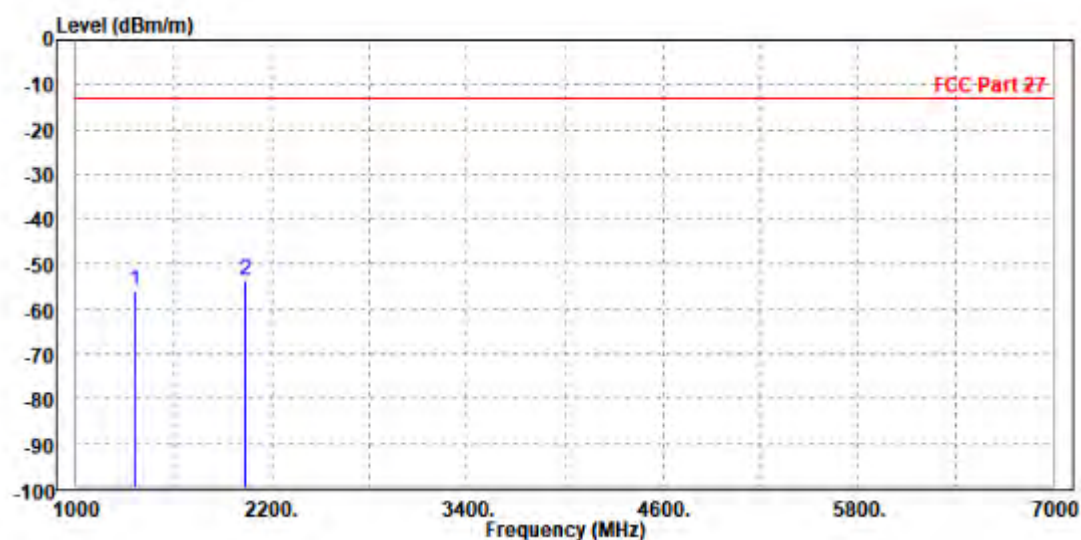
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	1348.000	-56.33	-59.09	-13.00	-43.33	2.76	Peak	Vertical
2 PP	2019.000	-55.94	-60.01	-13.00	-42.94	4.07	Peak	Vertical



CH 136100:

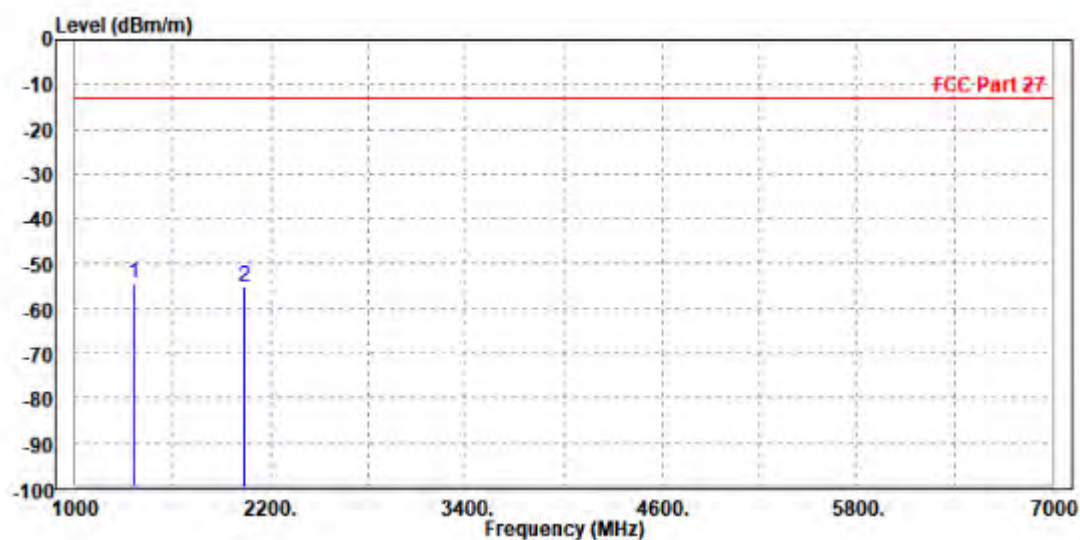
MODE	TX channel 136100	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	1360.000	-55.99	-58.76	-13.00	-42.99	2.77	Peak	Horizontal
2 PP	2040.000	-53.67	-58.53	-13.00	-40.67	4.86	Peak	Horizontal



MODE	TX channel 136100	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

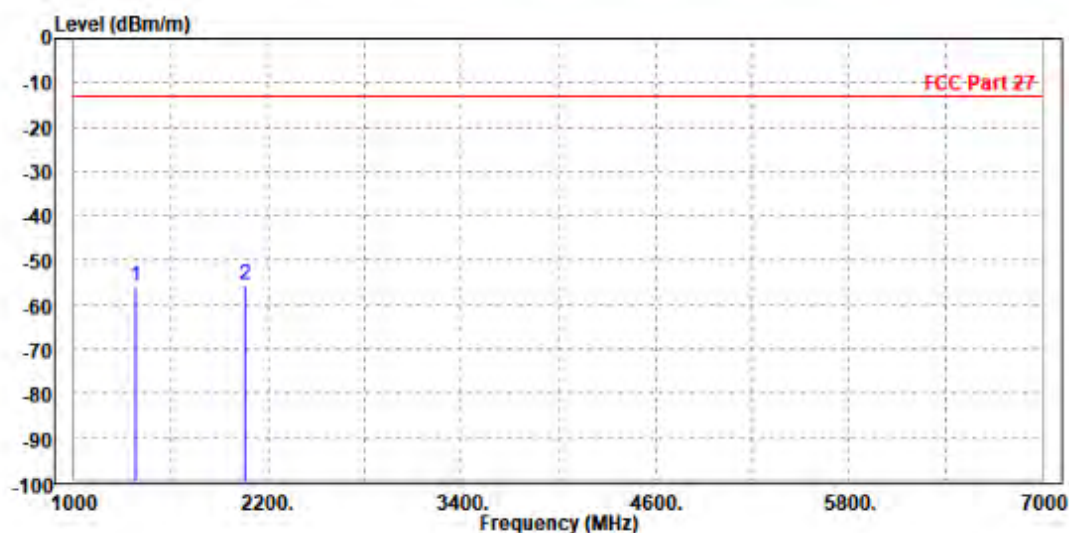
		Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
		MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	PP	1360.000	-54.28	-57.07	-13.00	-41.28	2.79	Peak	Vertical
2		2038.000	-55.18	-59.32	-13.00	-42.18	4.14	Peak	Vertical



CH 137600:

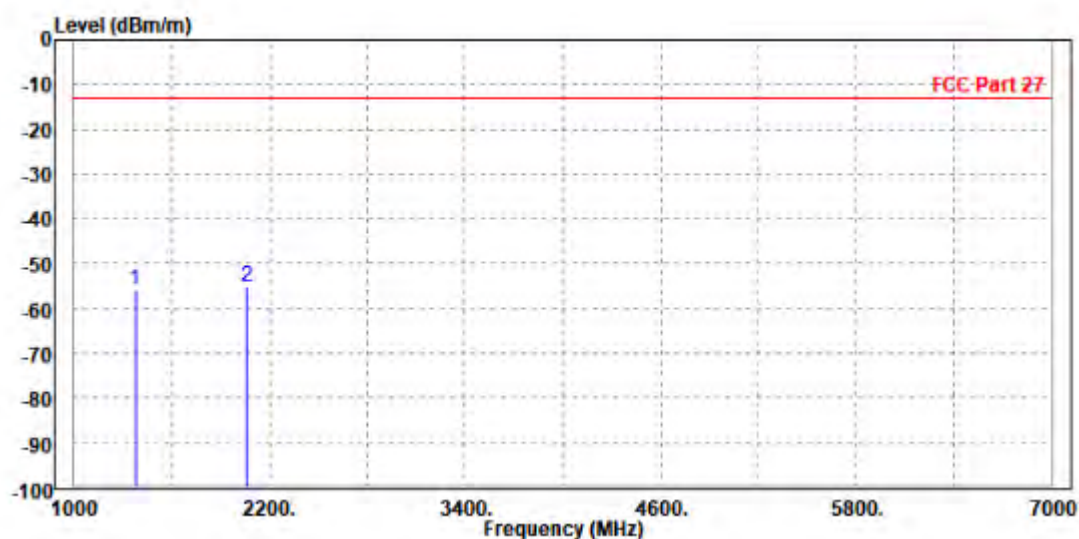
MODE	TX channel 137600	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	1378.000	-55.96	-58.78	-13.00	-42.96	2.82	Peak	Horizontal
2 PP	2064.000	-55.58	-60.50	-13.00	-42.58	4.92	Peak	Horizontal



MODE	TX channel 137600	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
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	1376.000	-55.80	-58.63	-13.00	-42.80	2.83	Peak	Vertical
2 PP	2062.000	-54.99	-59.21	-13.00	-41.99	4.22	Peak	Vertical



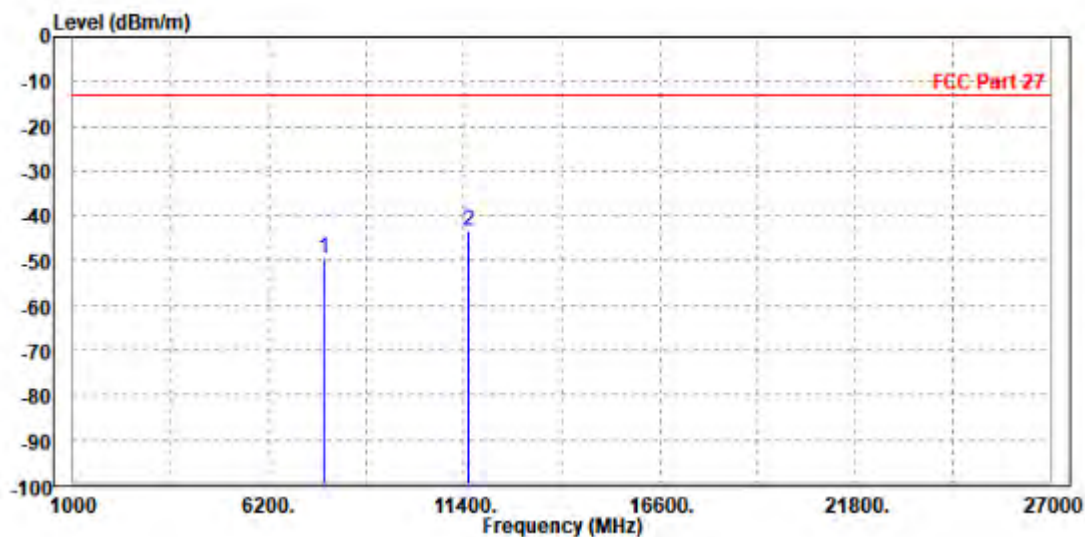
N77 HPUE:

Note: For frequency above 27GHz, the emission was tested 20db below the limit so the data not recorded in the sheet.

CHANNEL BANDWIDTH: 20MHz / QPSK

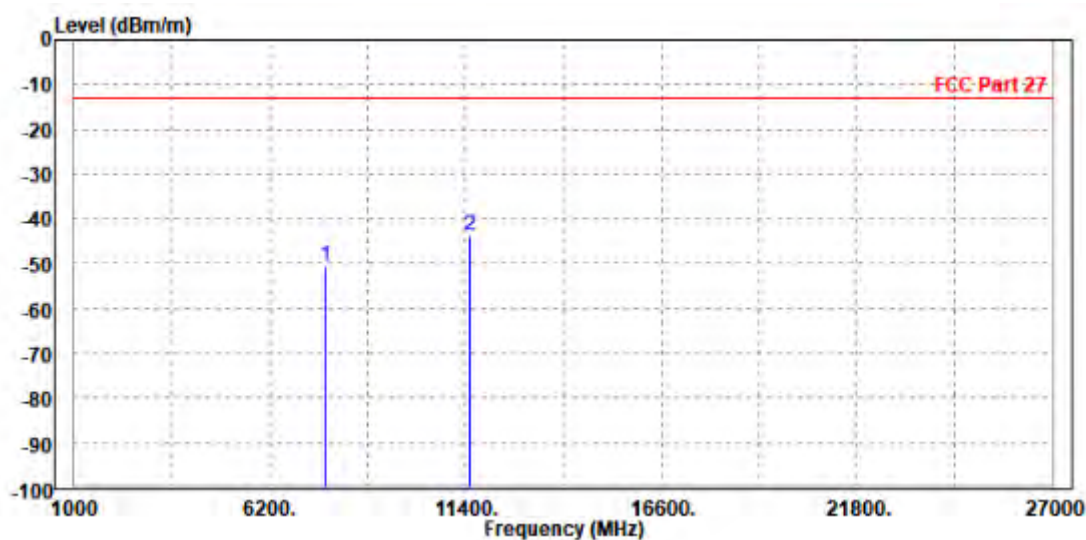
MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7680.000	-49.32	-63.97	-13.00	-36.32	14.65	Peak	Horizontal
2	PP11530.000	-43.51	-64.48	-13.00	-30.51	20.97	Peak	Horizontal



MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
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	7682.000	-50.42	-64.23	-13.00	-37.42	13.81	Peak	Vertical
2	PP11520.000	-43.60	-63.17	-13.00	-30.60	19.57	Peak	Vertical



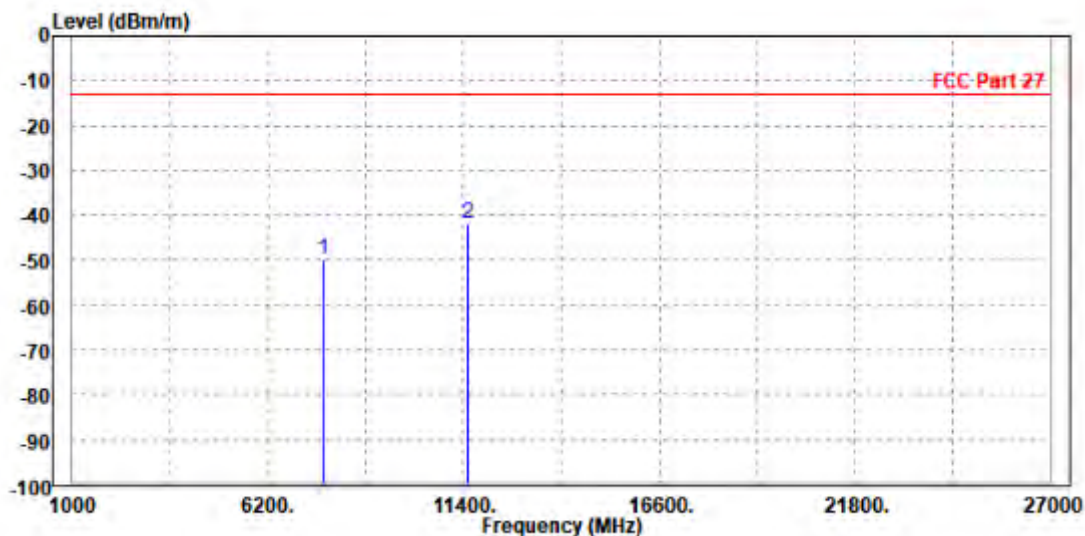


Test Report No.: W7L-240430W002RF01

CHANNEL BANDWIDTH: 30MHz / QPSK

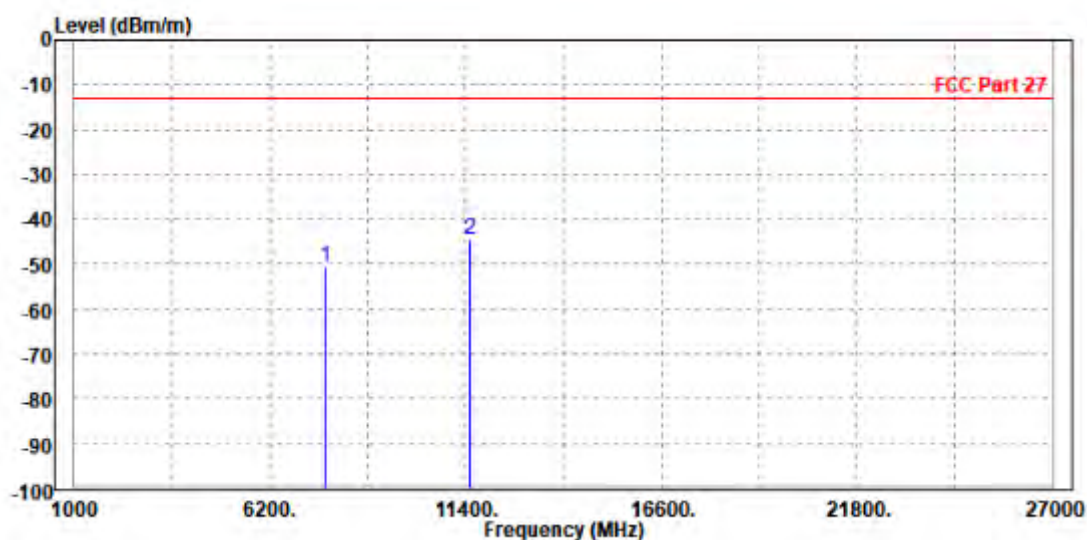
MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7682.000	-49.96	-64.61	-13.00	-36.96	14.65	Peak	Horizontal
2	PP11520.000	-41.77	-62.61	-13.00	-28.77	20.84	Peak	Horizontal



MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

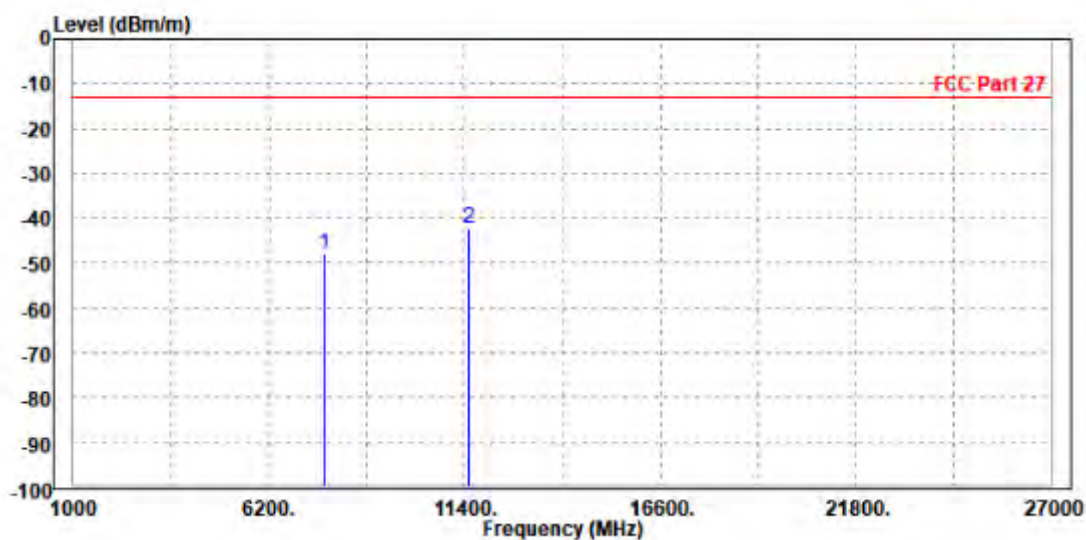
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7680.000	-50.61	-64.41	-13.00	-37.61	13.80	Peak	Vertical
2	PP11530.000	-44.53	-64.23	-13.00	-31.53	19.70	Peak	Vertical



CHANNEL BANDWIDTH: 40MHz / QPSK

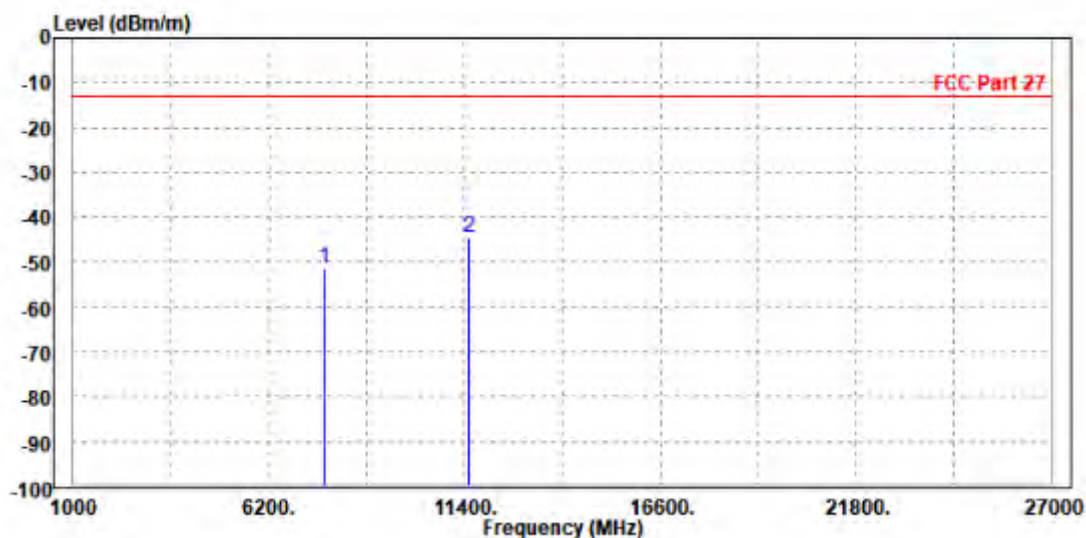
MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7680.000	-47.91	-62.56	-13.00	-34.91	14.65	Peak	Horizontal
2	PP11530.000	-42.32	-63.29	-13.00	-29.32	20.97	Peak	Horizontal



MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

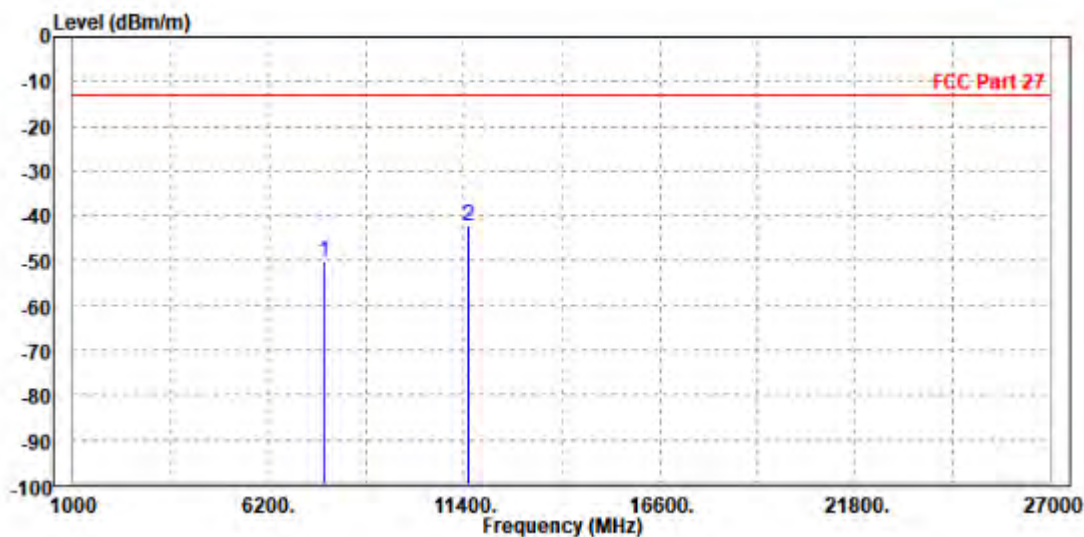
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7682.000	-51.27	-65.08	-13.00	-38.27	13.81	Peak	Vertical
2	PP11520.000	-44.32	-63.89	-13.00	-31.32	19.57	Peak	Vertical



CHANNEL BANDWIDTH: 60MHz / QPSK

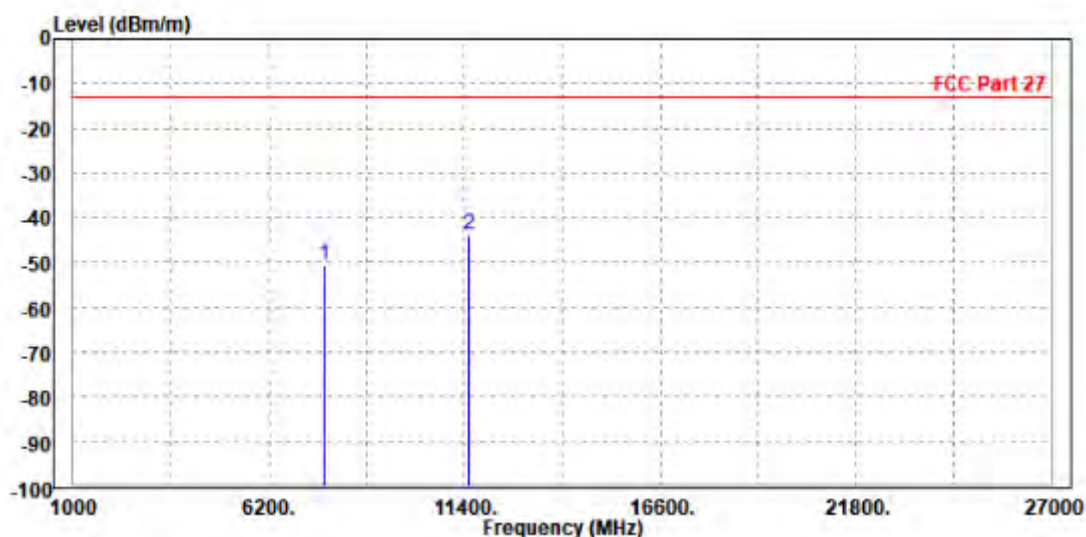
MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7680.000	-50.32	-64.97	-13.00	-37.32	14.65	Peak	Horizontal
2	PP11530.000	-42.20	-63.17	-13.00	-29.20	20.97	Peak	Horizontal



MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

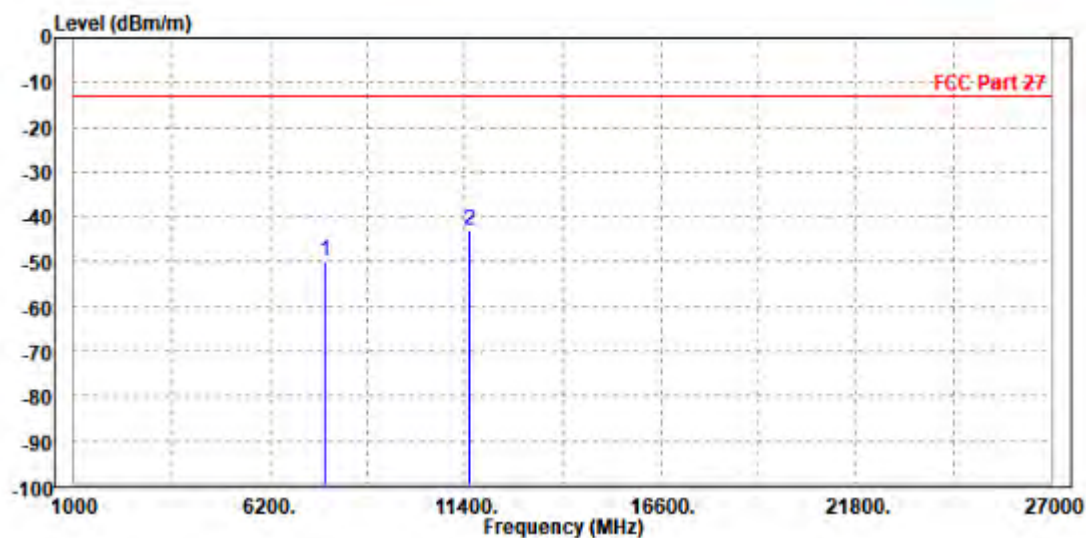
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7682.000	-50.41	-64.22	-13.00	-37.41	13.81	Peak	Vertical
2	PP11520.000	-43.78	-63.35	-13.00	-30.78	19.57	Peak	Vertical



CHANNEL BANDWIDTH: 80MHz / QPSK

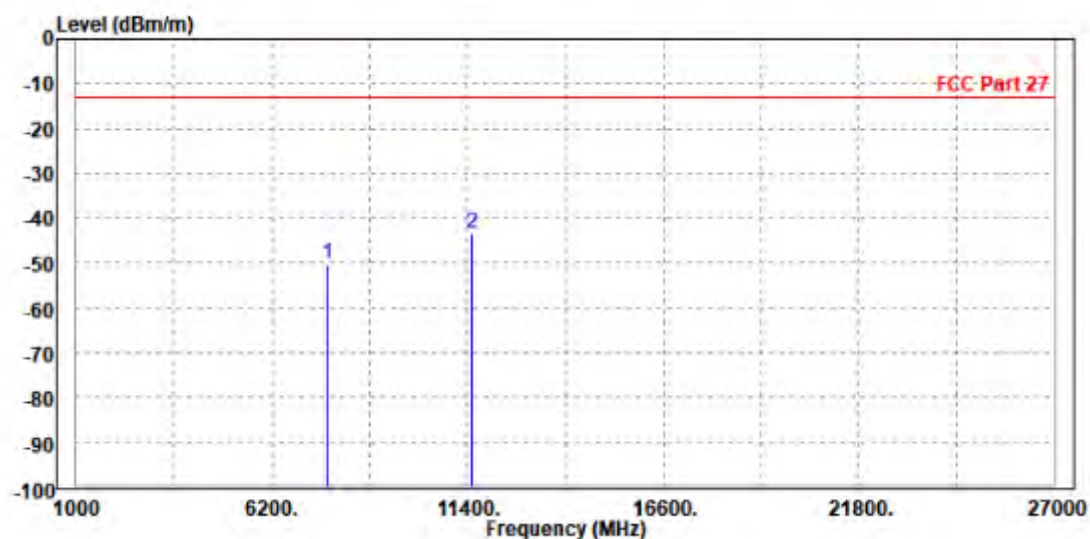
MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7680.000	-49.84	-64.49	-13.00	-36.84	14.65	Peak	Horizontal
2	PP11530.000	-42.83	-63.80	-13.00	-29.83	20.97	Peak	Horizontal



MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
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	7682.000	-50.02	-63.83	-13.00	-37.02	13.81	Peak	Vertical
2	PP11520.000	-43.48	-63.05	-13.00	-30.48	19.57	Peak	Vertical





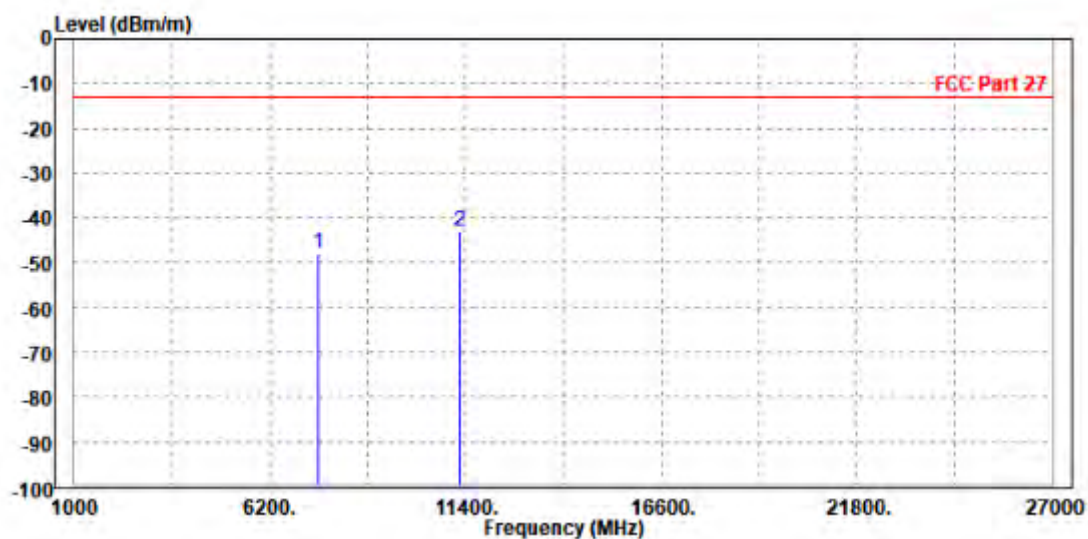
Test Report No.: W7L-240430W002RF01

CHANNEL BANDWIDTH: 90MHz / QPSK

CH 649668

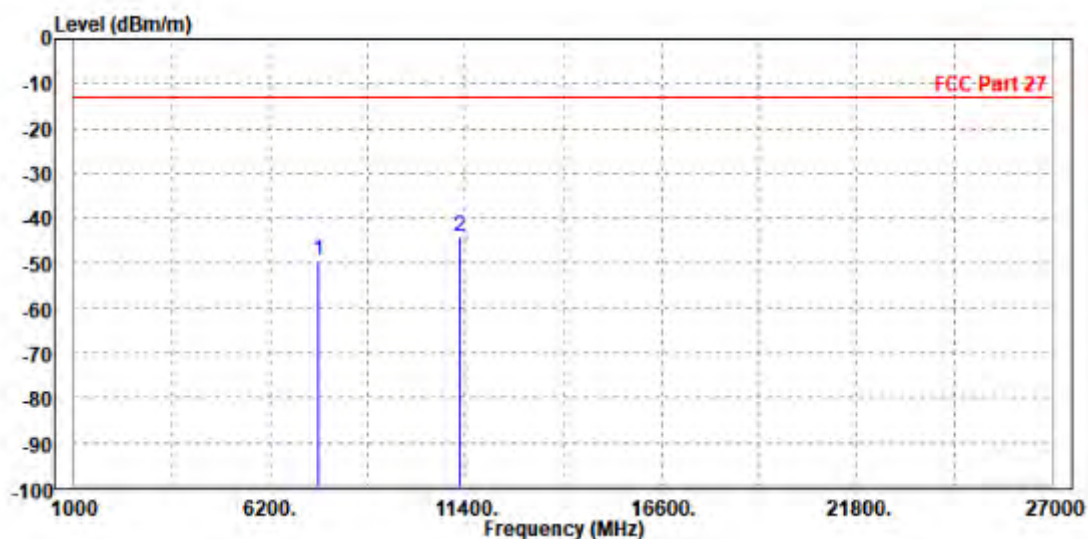
MODE	TX channel 649668	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7500.000	-48.06	-62.40	-13.00	-35.06	14.34	Peak	Horizontal
2	PP11235.000	-42.81	-63.27	-13.00	-29.81	20.46	Peak	Horizontal



MODE	TX channel 649668	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

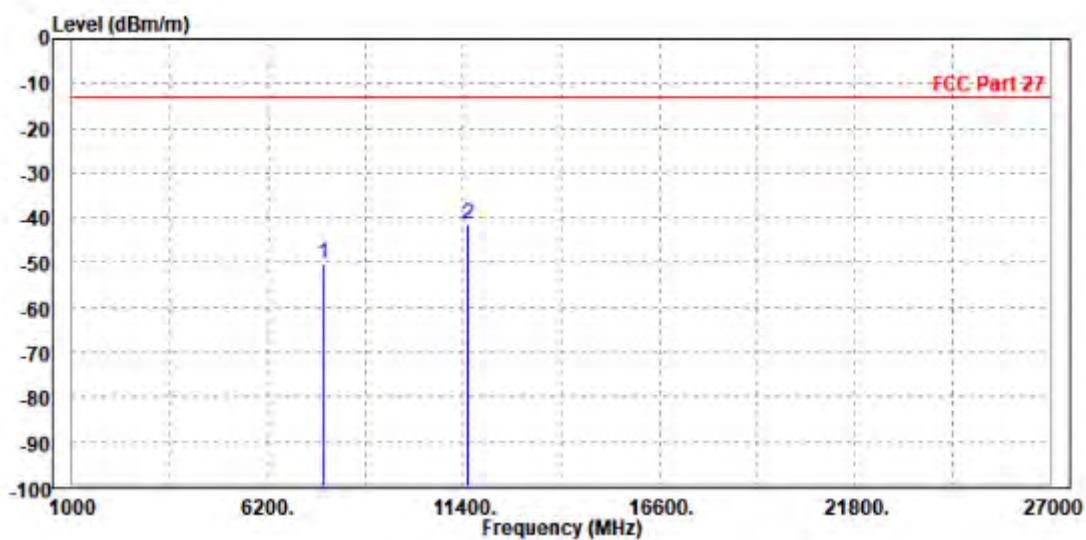
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7490.000	-49.50	-62.55	-13.00	-36.50	13.05	Peak	Vertical
2	PP11244.000	-44.01	-63.93	-13.00	-31.01	19.92	Peak	Vertical



CH 656000

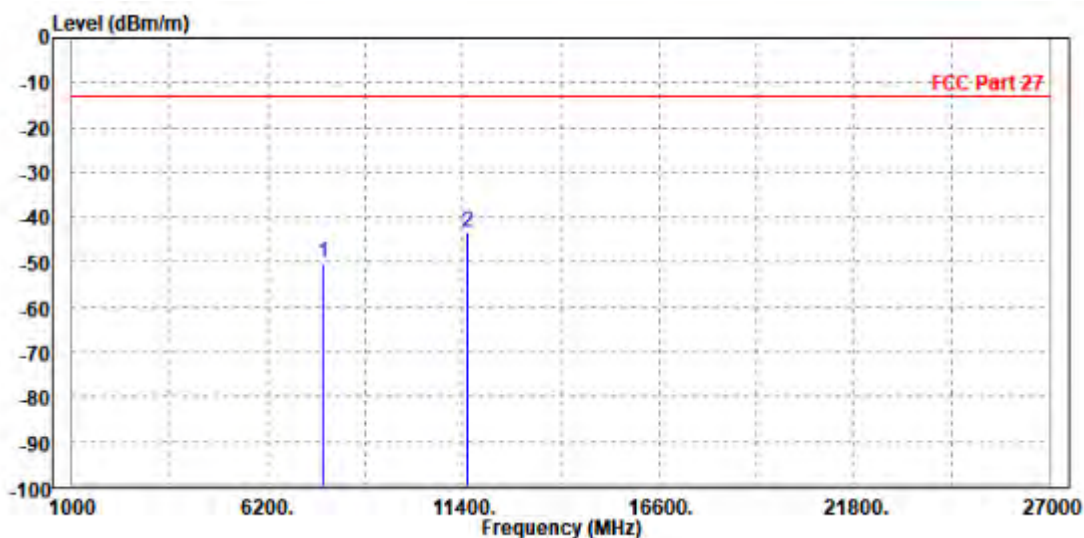
MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7682.000	-50.06	-64.71	-13.00	-37.06	14.65	Peak	Horizontal
2	PP11520.000	-41.40	-62.24	-13.00	-28.40	20.84	Peak	Horizontal



MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

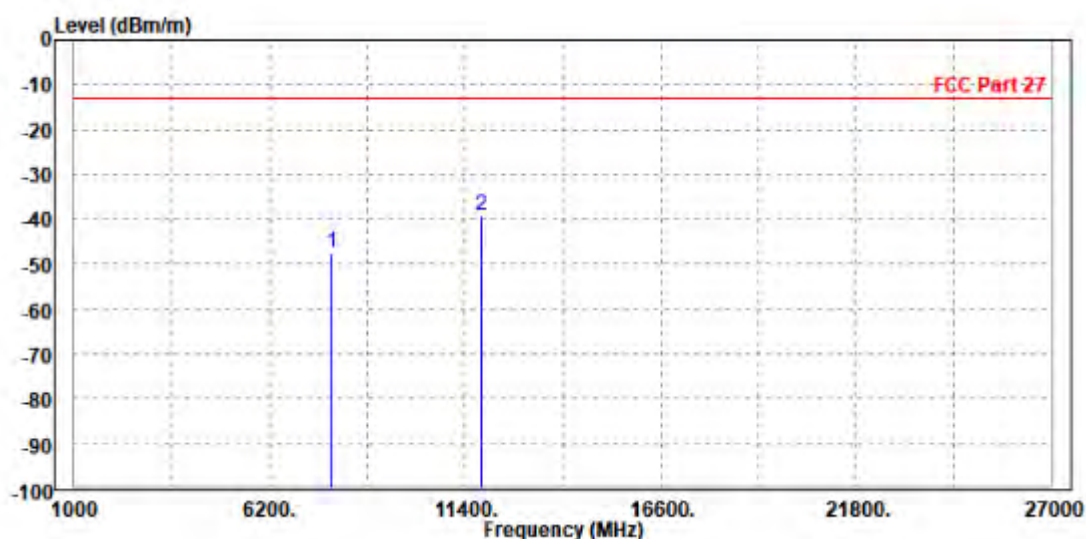
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7680.000	-50.35	-64.15	-13.00	-37.35	13.80	Peak	Vertical
2	PP11530.000	-43.16	-62.86	-13.00	-30.16	19.70	Peak	Vertical



CH 662332

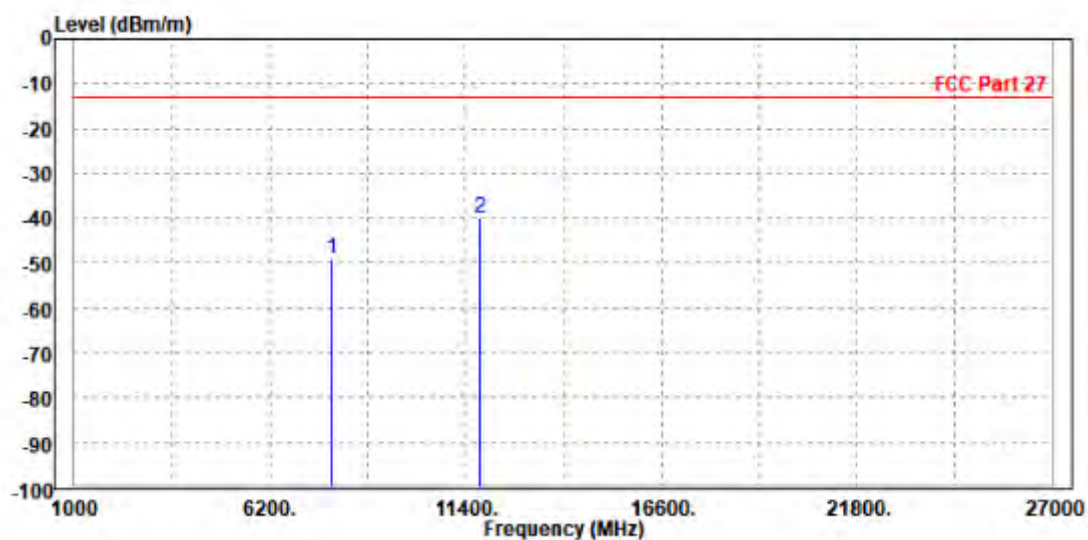
MODE	TX channel 662332	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7870.000	-47.62	-62.60	-13.00	-34.62	14.98	Peak	Horizontal
2	PP11816.000	-39.00	-63.69	-13.00	-26.00	24.69	Peak	Horizontal



MODE	TX channel 662332	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
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	7864.000	-49.09	-63.69	-13.00	-36.09	14.60	Peak	Vertical
2	PP11805.000	-39.89	-63.20	-13.00	-26.89	23.31	Peak	Vertical



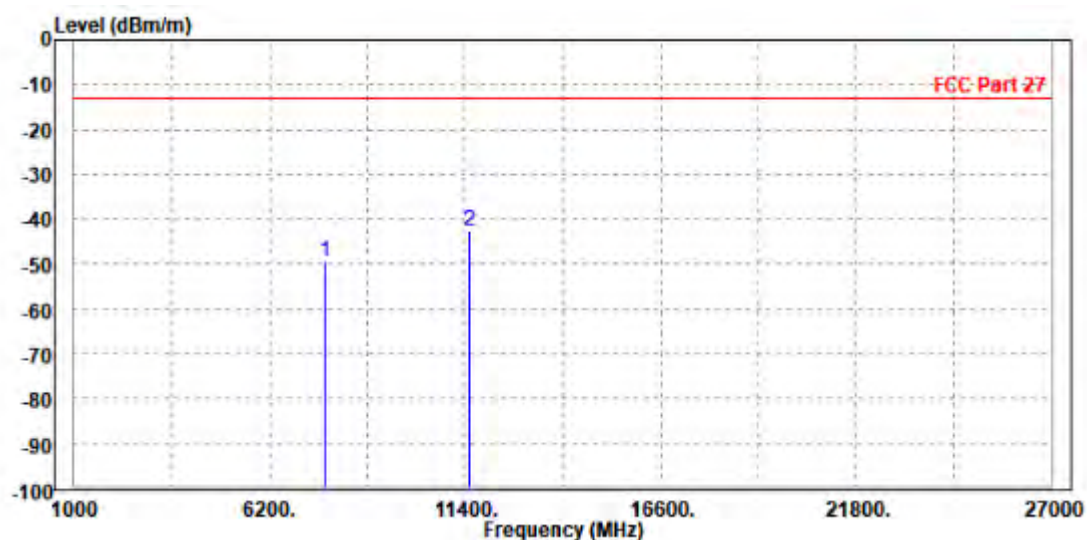


Test Report No.: W7L-240430W002RF01

CHANNEL BANDWIDTH: 100MHz / QPSK

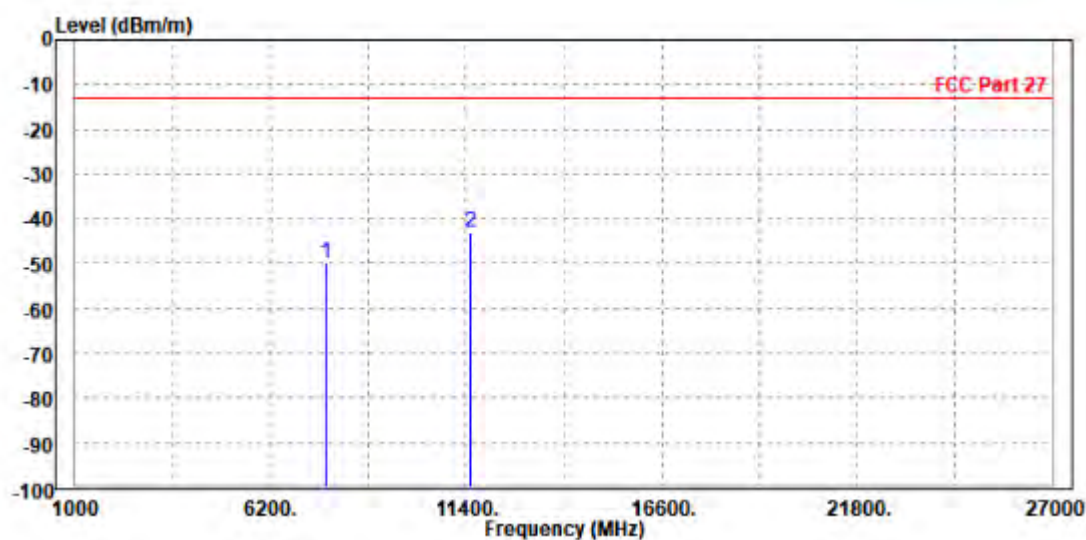
MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	7680.000	-49.36	-64.01	-13.00	-36.36	14.65	Peak	Horizontal
2	PP11530.000	-42.64	-63.61	-13.00	-29.64	20.97	Peak	Horizontal



MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
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	7682.000	-49.72	-63.53	-13.00	-36.72	13.81	Peak	Vertical
2	PP11520.000	-43.01	-62.58	-13.00	-30.01	19.57	Peak	Vertical

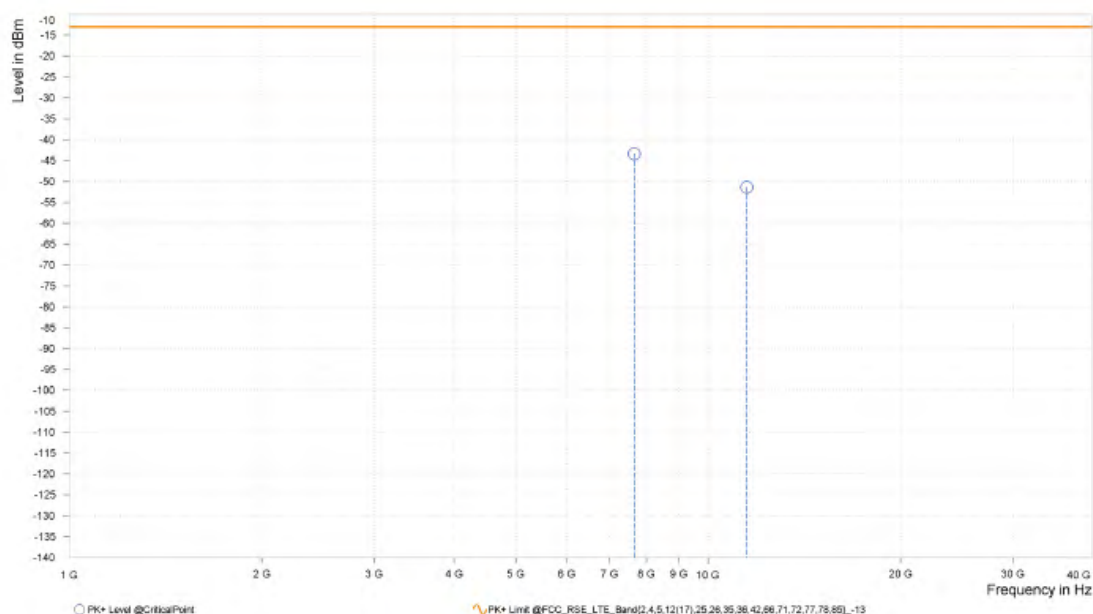


N77 MIMO

CHANNEL BANDWIDTH: 20MHz / QPSK

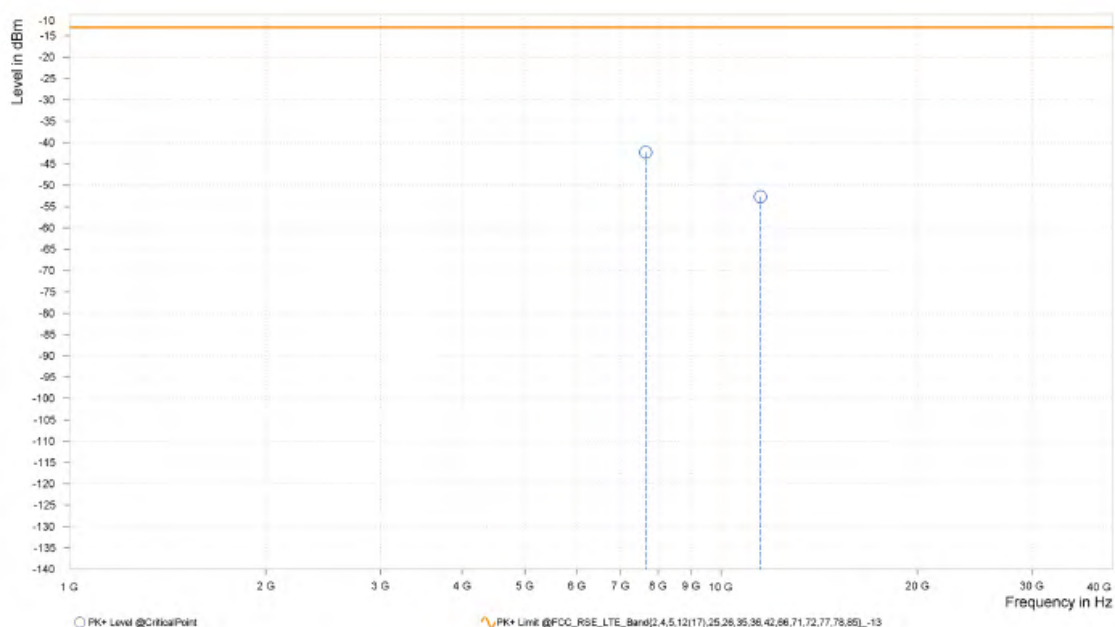
MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,662.000	-43.38	-13.00	30.38	30.30	H	142.2	1.00
6	11,493.000	-51.39	-13.00	38.39	18.20	H	1.9	2.00



MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

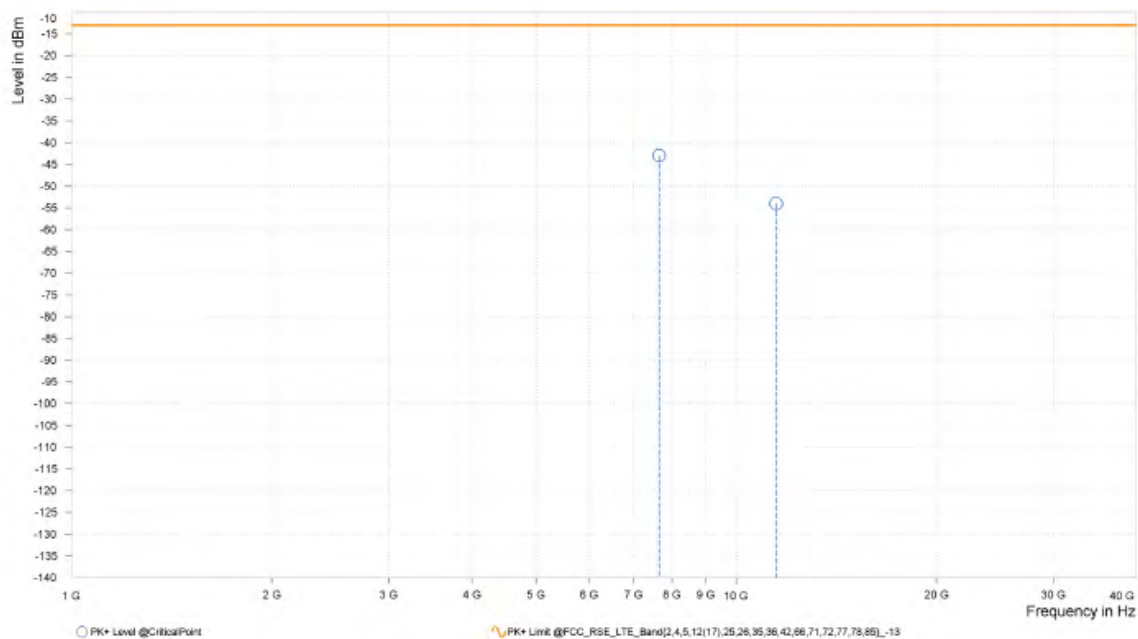
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,662.000	-42.33	-13.00	29.33	30.15	V	5.9	2.00
6	11,493.000	-52.67	-13.00	39.67	18.30	V	1	2.00



CHANNEL BANDWIDTH: 30MHz / QPSK

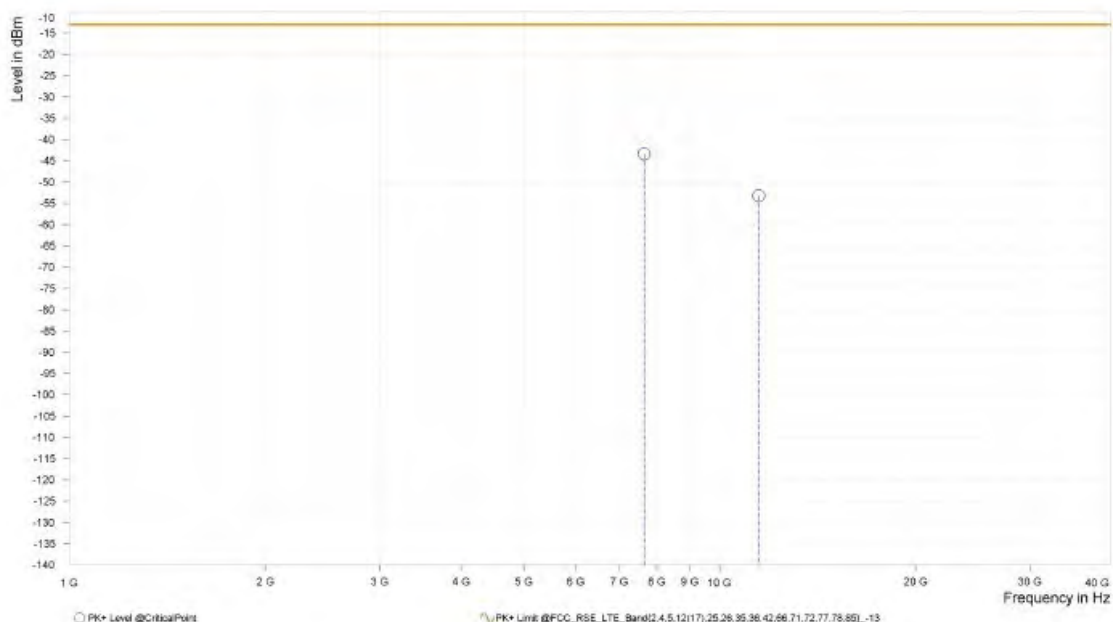
MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7.653.000	-42.97	-13.00	29.97	30.28	H	359	2.00
6	11.479.500	-53.99	-13.00	40.99	18.19	H	358.2	1.00



MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

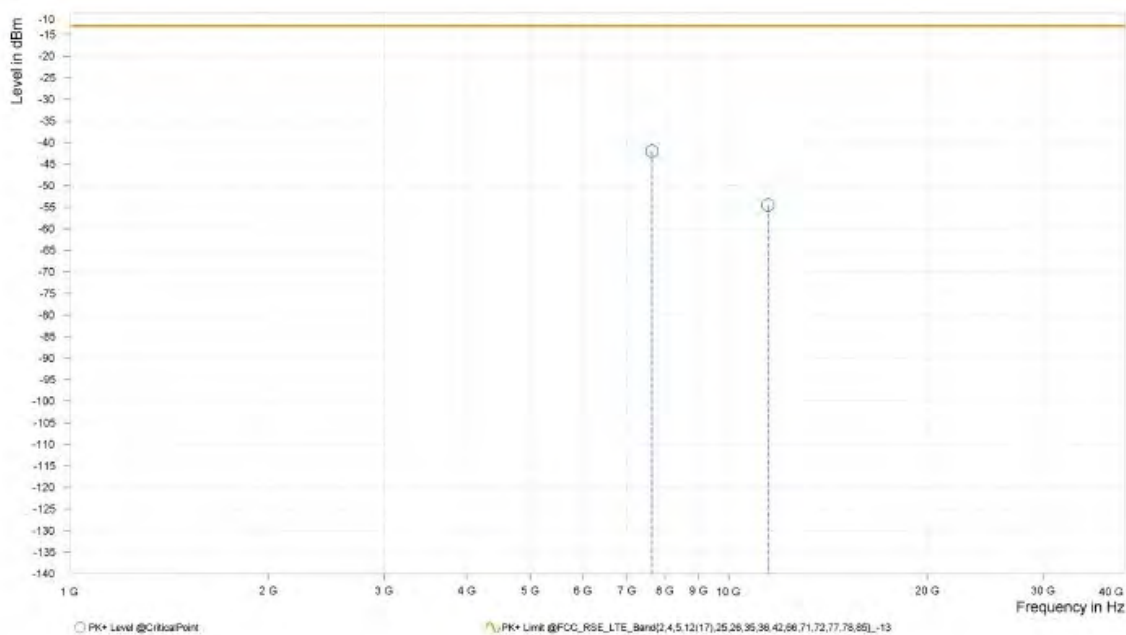
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,653.000	-43.39	-13.00	30.39	30.13	V	40.2	2.00
6	11,479.500	-53.21	-13.00	40.21	18.29	V	246.2	1.00



CHANNEL BANDWIDTH: 40MHz / QPSK

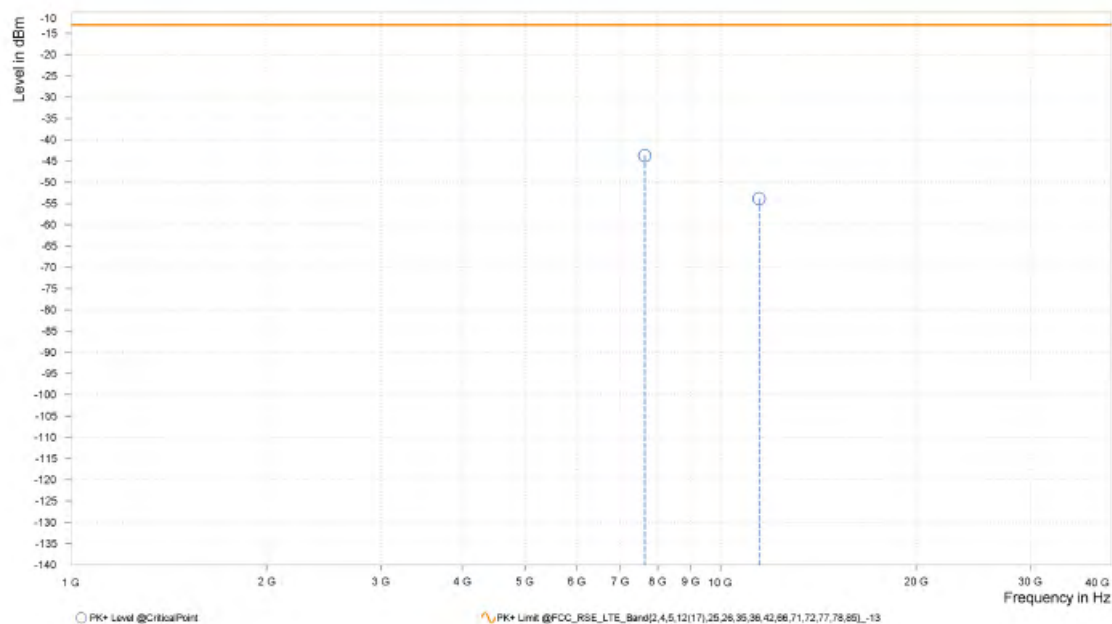
MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,644.000	-42.01	-13.00	29.01	30.26	H	2.6	2.00
6	11,466.000	-54.55	-13.00	41.55	18.19	H	183.8	2.00



MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

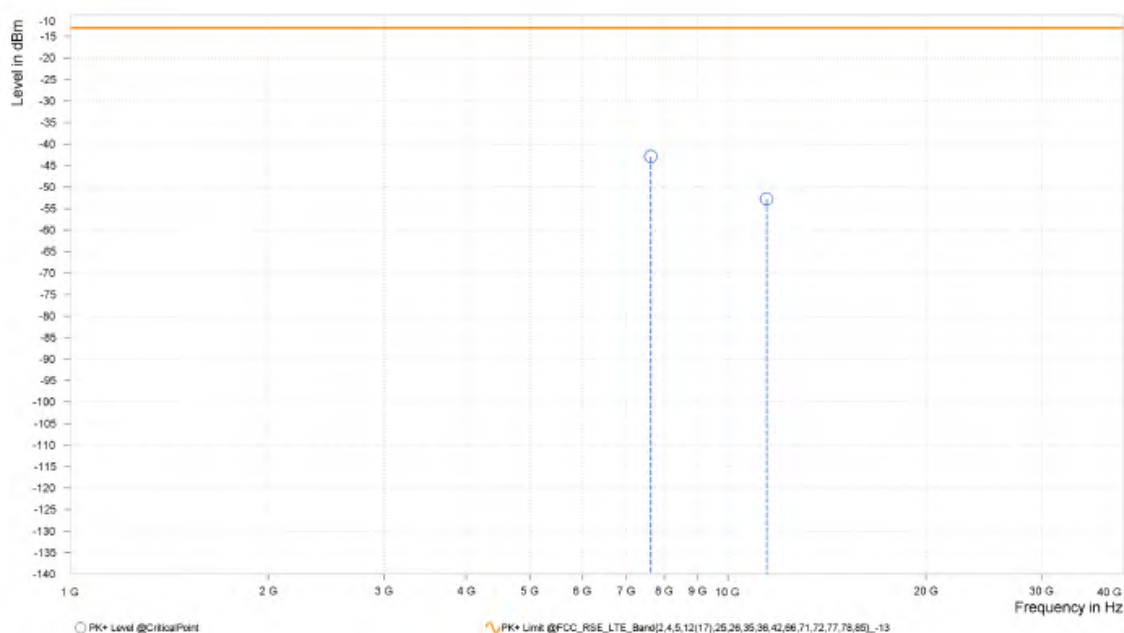
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,644.000	-43.72	-13.00	30.72	30.10	V	1.4	2.00
6	11,466.000	-53.86	-13.00	40.86	18.29	V	359	2.00



CHANNEL BANDWIDTH: 50MHz / QPSK

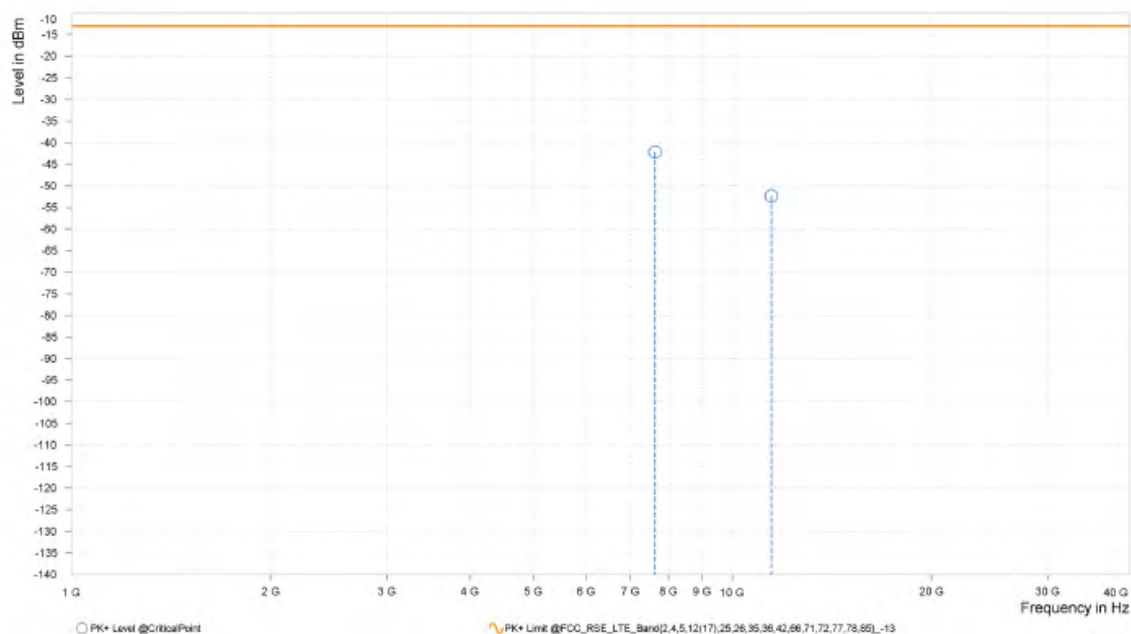
MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,635.000	-42.88	-13.00	29.88	30.25	H	263.2	1.00
6	11,452.500	-52.80	-13.00	39.80	18.18	H	43.8	2.00



MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

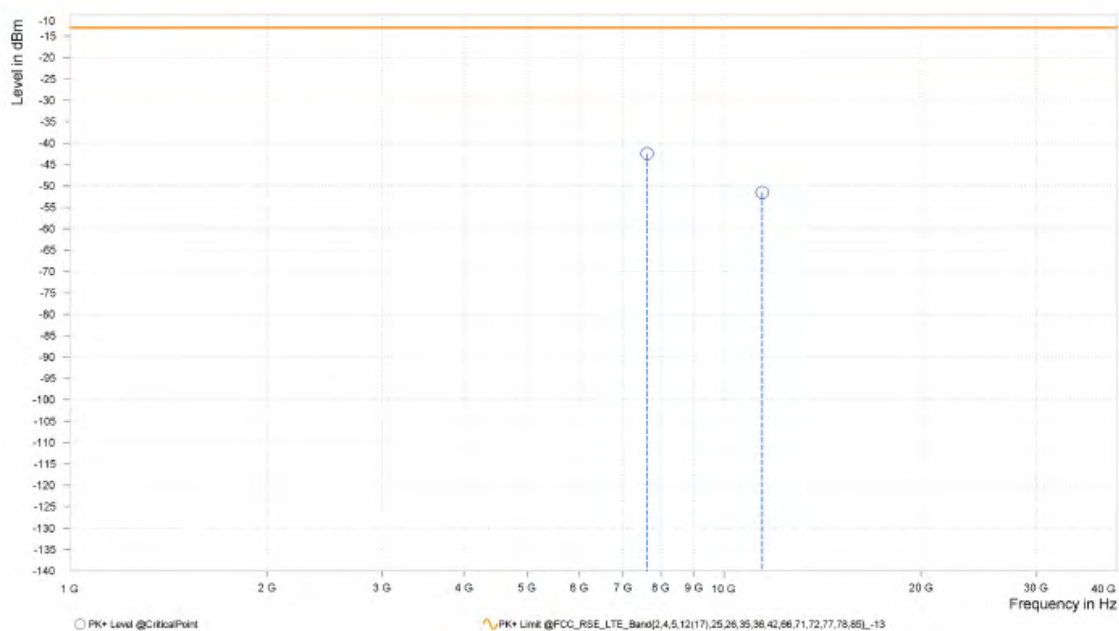
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,635.000	-42.16	-13.00	29.16	30.07	V	147.1	1.00
6	11,452.500	-52.32	-13.00	39.32	18.28	V	239	1.00



CHANNEL BANDWIDTH: 60MHz / QPSK

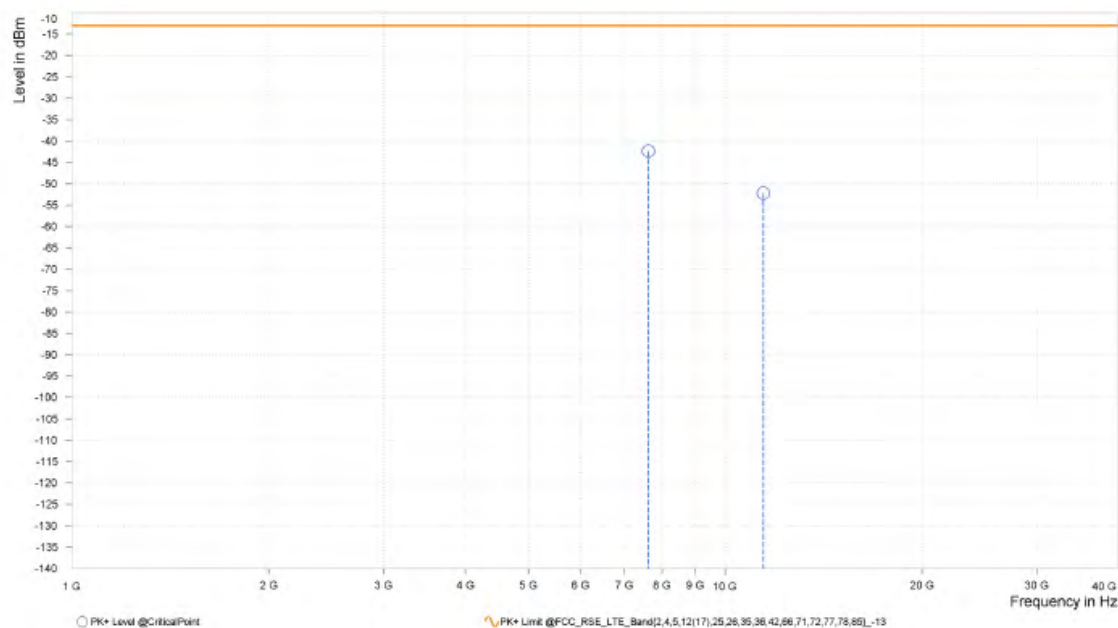
MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7.626.000	-42.47	-13.00	29.47	30.23	H	228.4	2.00
6	11.439.000	-51.53	-13.00	38.53	18.10	H	0.9	2.00



MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

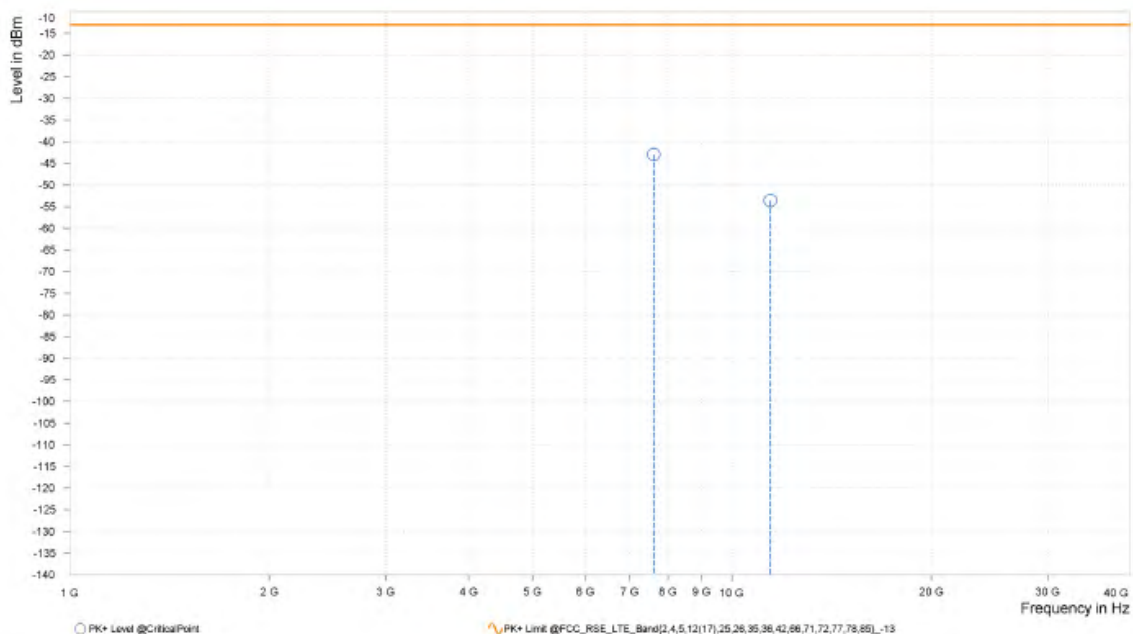
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,626.000	-42.39	-13.00	29.39	30.05	V	211.4	1.00
6	11,439.000	-52.20	-13.00	39.20	18.19	V	0.9	2.00



CHANNEL BANDWIDTH: 70MHz / QPSK

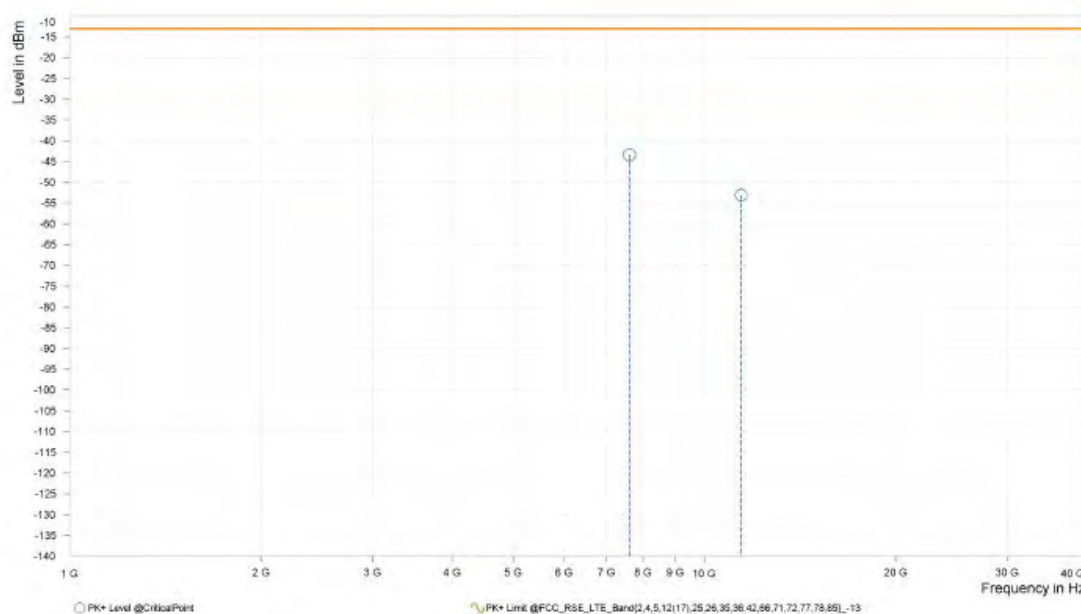
MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,617.000	-42.96	-13.00	29.96	30.21	H	6.7	2.00
6	11,425.500	-53.61	-13.00	40.61	17.99	H	359.1	1.00



MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

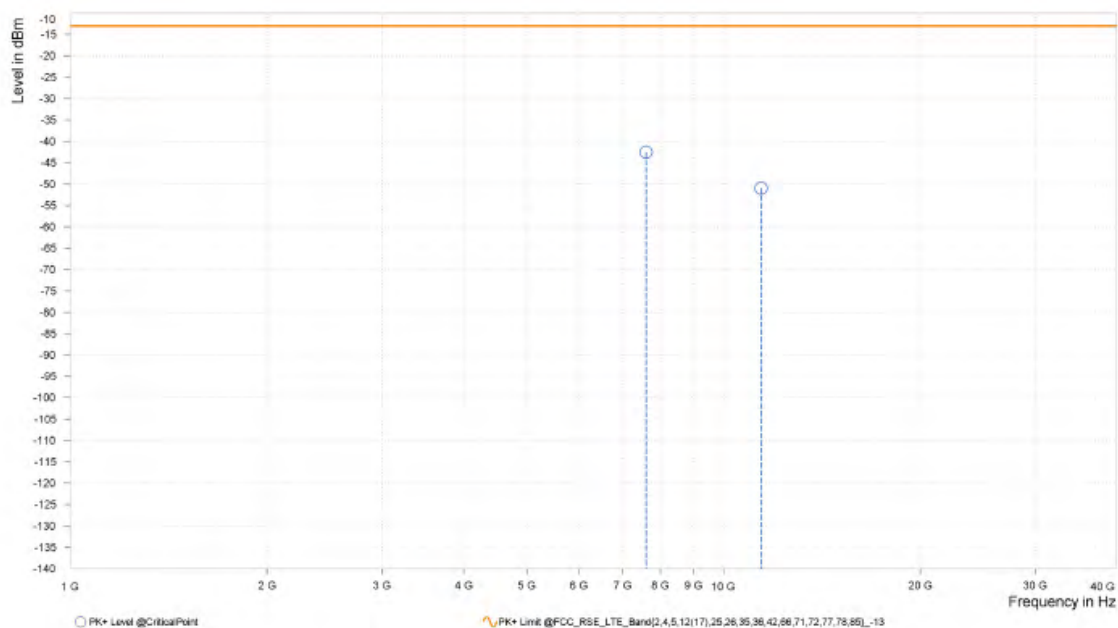
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,617.000	-43.41	-13.00	30.41	30.02	V	1	1.00
6	11,425.500	-53.07	-13.00	40.07	18.09	V	2.6	2.00



CHANNEL BANDWIDTH: 80MHz / QPSK

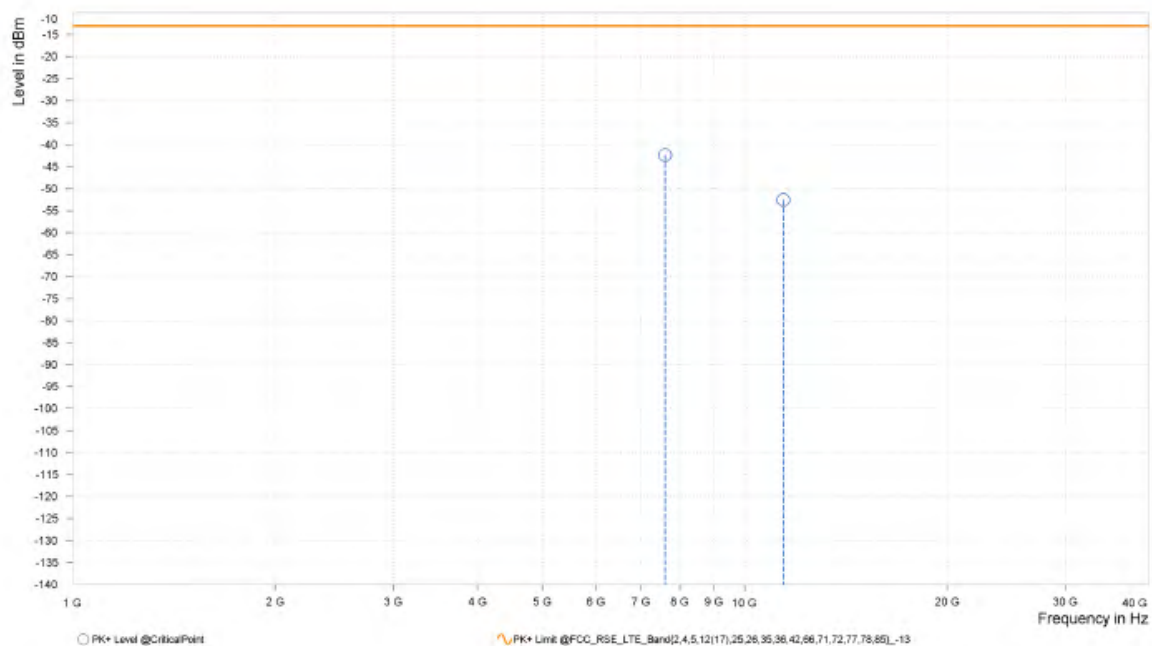
MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7.608.000	-42.55	-13.00	29.55	30.19	H	6	2.00
6	11.412.000	-50.99	-13.00	37.99	17.89	H	2.7	2.00



MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

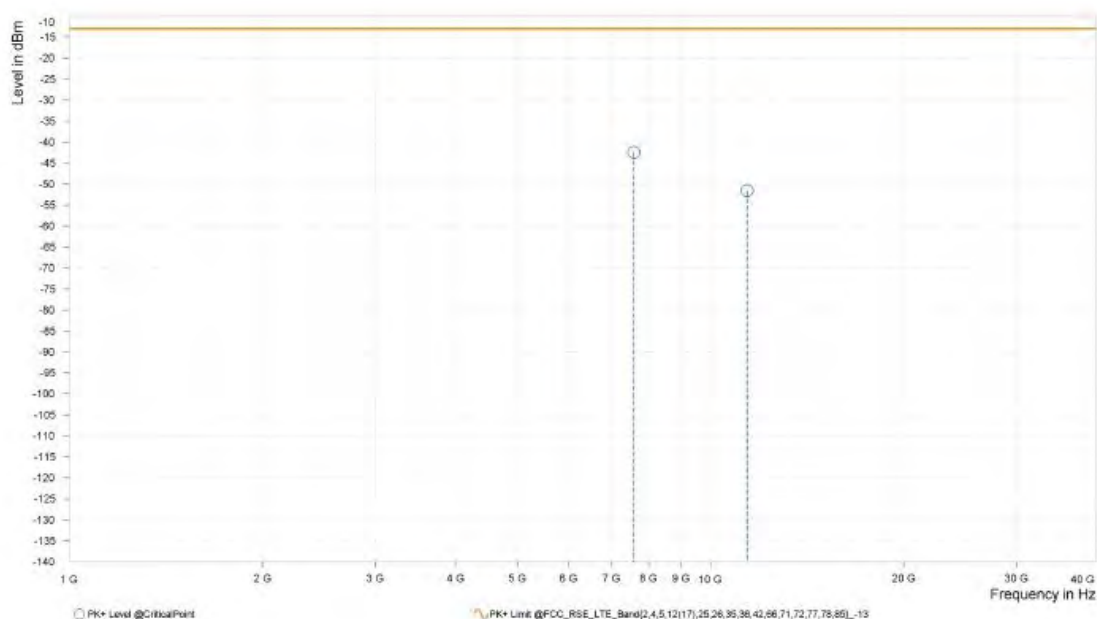
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,608.000	-42.34	-13.00	29.34	29.99	V	206.6	1.00
6	11,412.000	-52.53	-13.00	39.53	17.98	V	103.8	2.00



CHANNEL BANDWIDTH: 90MHz / QPSK

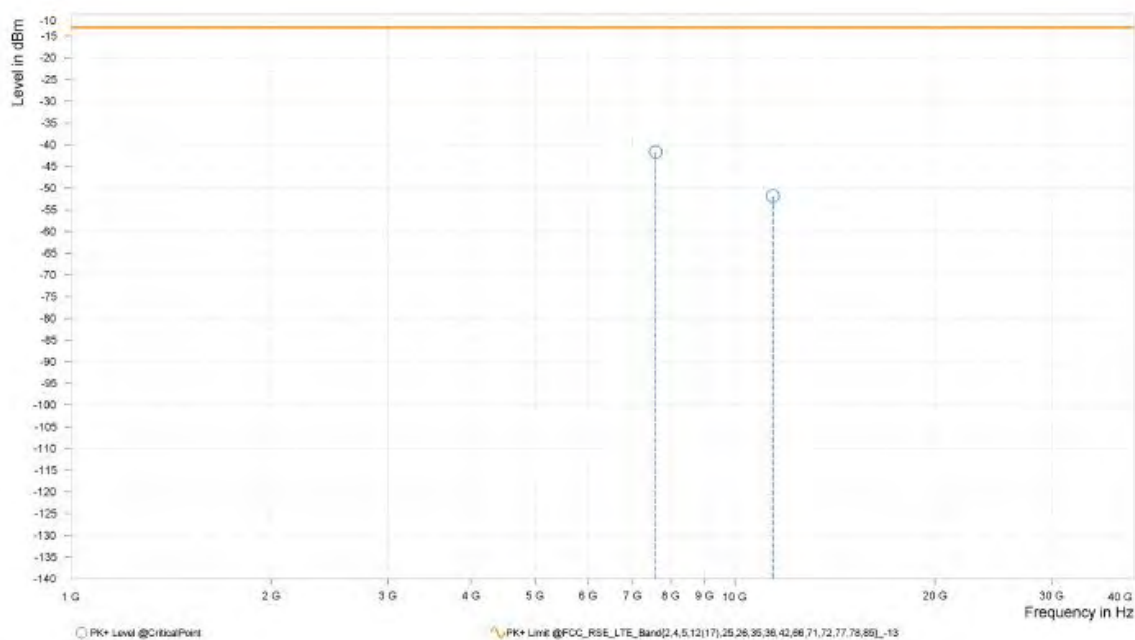
MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,599.000	-42.45	-13.00	29.45	30.18	H	5.6	2.00
6	11,398.500	-51.58	-13.00	38.58	17.79	H	359	2.00



MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,599.000	-41.69	-13.00	28.69	29.96	V	1	1.00
6	11,398.500	-51.87	-13.00	38.87	17.88	V	146.4	2.00

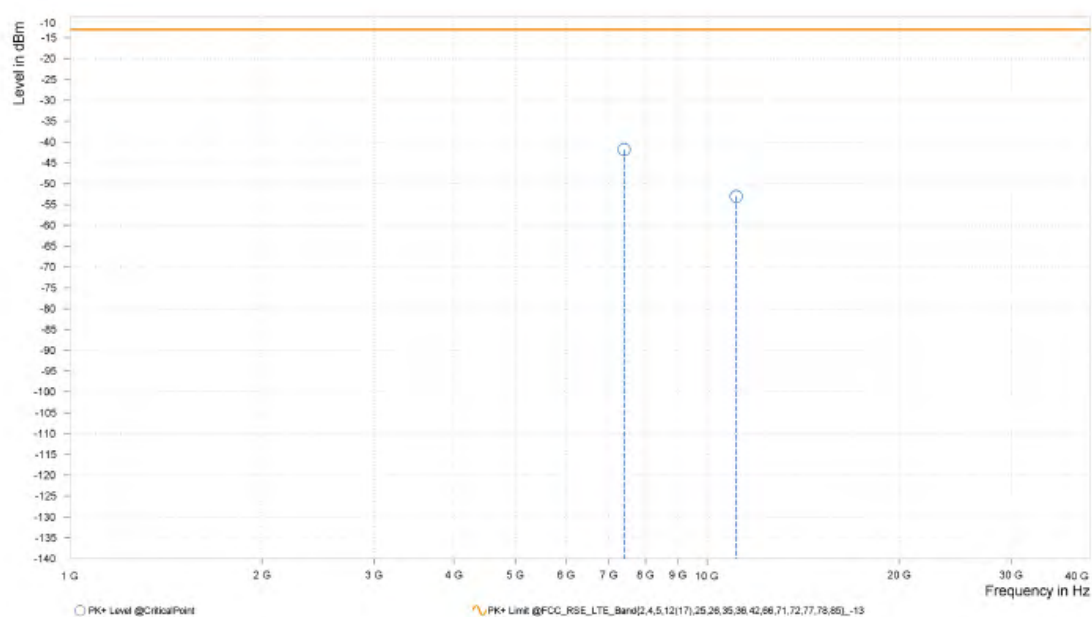


CHANNEL BANDWIDTH: 100MHz / QPSK

CH650000

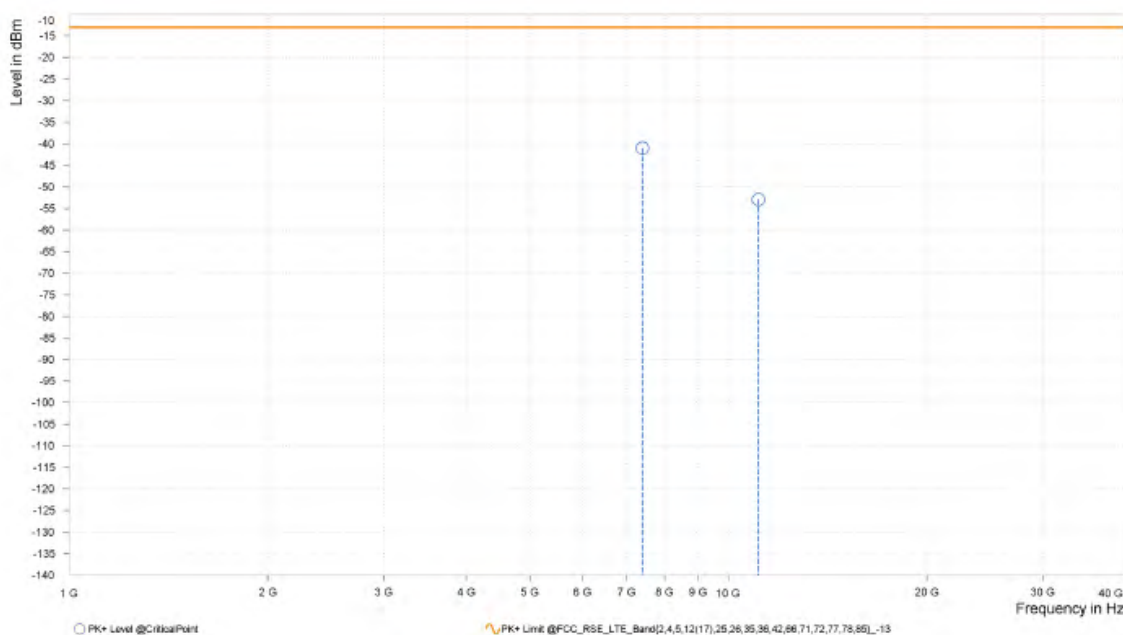
MODE	TX channel 650000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7.410.000	-41.82	-13.00	28.82	30.26	H	3.7	2.00
6	11.115.000	-53.04	-13.00	40.04	16.92	H	206.6	2.00



MODE	TX channel 650000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

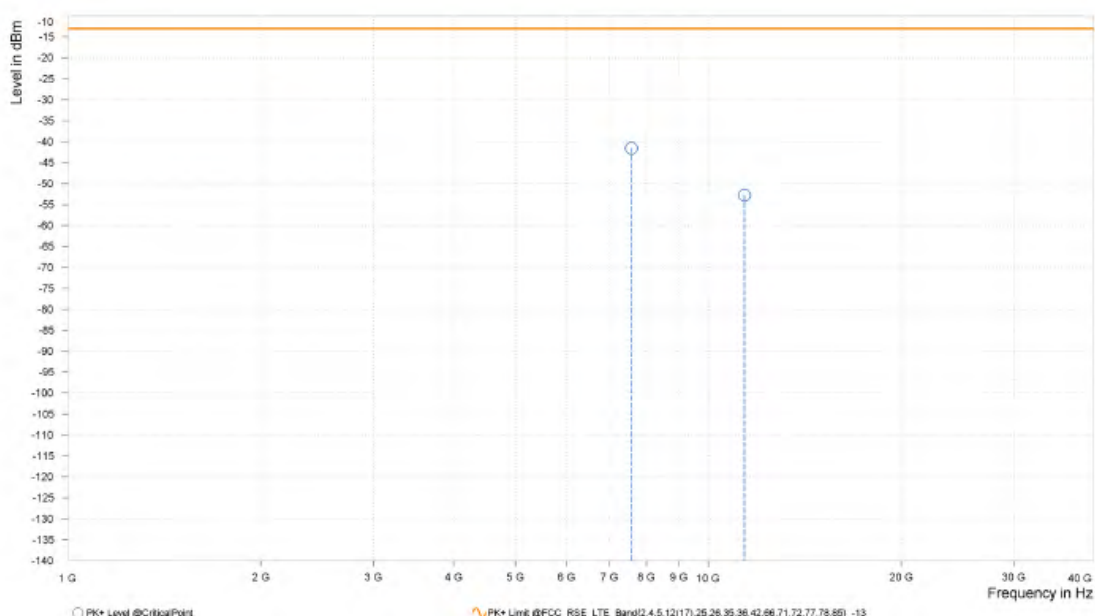
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,410.000	-41.01	-13.00	28.01	30.21	V	302.7	1.00
6	11,115.000	-52.90	-13.00	39.90	17.09	V	359.1	1.00



CH656000

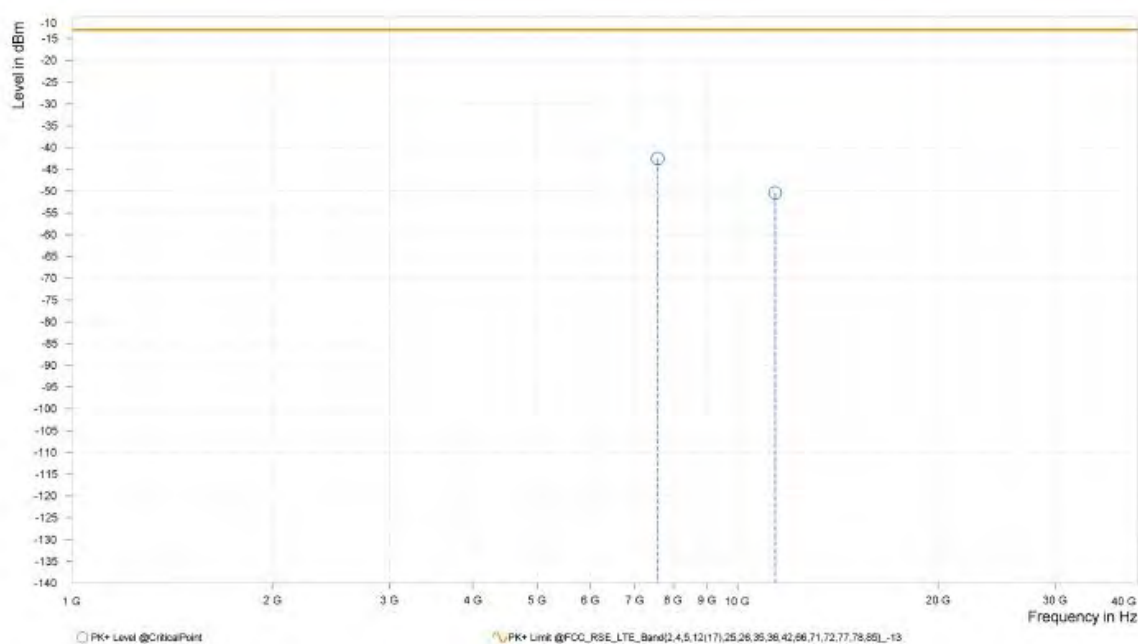
MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,590.000	-41.56	-13.00	28.56	30.16	H	359	2.00
6	11,385.000	-52.75	-13.00	39.75	17.73	H	265.3	1.00



MODE	TX channel 656000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

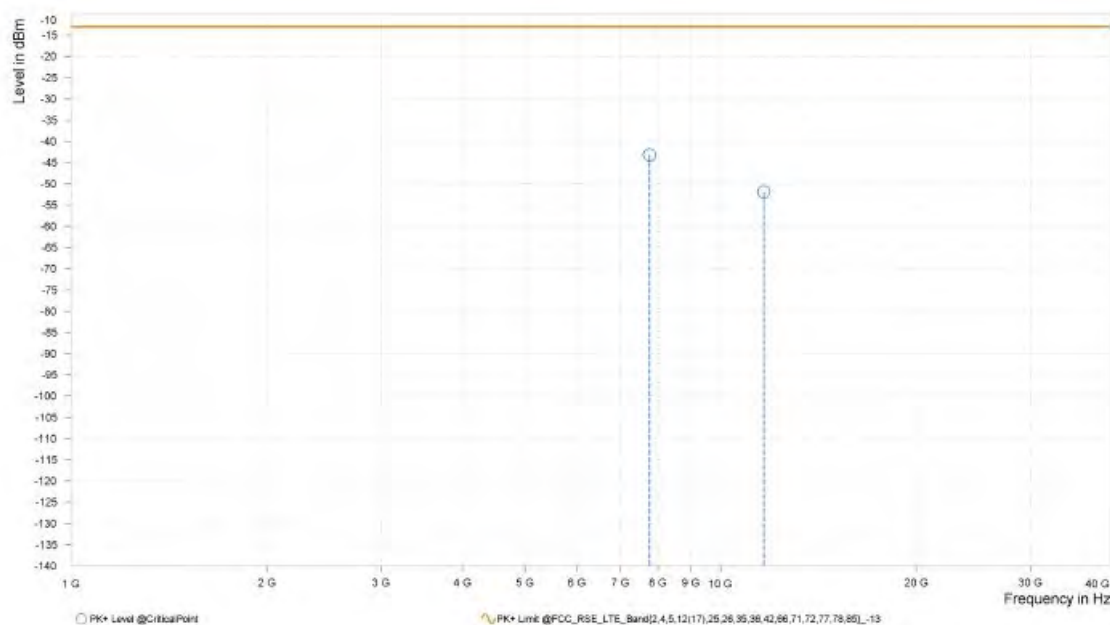
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,590.000	-42.52	-13.00	29.52	29.94	V	354.1	1.00
6	11,385.000	-50.41	-13.00	37.41	17.79	V	1	1.00



CH662000

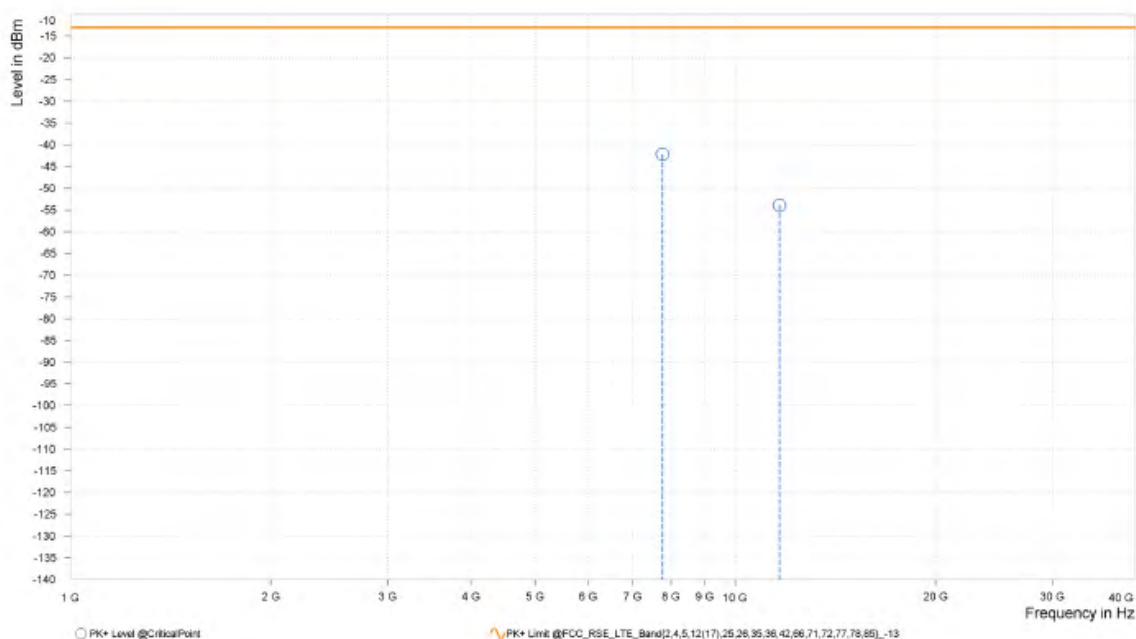
MODE	TX channel 662000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,770.000	-43.19	-13.00	30.19	30.80	H	128	1.00
6	11,655.000	-51.91	-13.00	38.91	18.01	H	101.8	2.00



MODE	TX channel 662000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,770.000	-42.19	-13.00	29.19	30.57	V	55.8	2.00
6	11,655.000	-53.92	-13.00	40.92	18.31	V	208	2.00





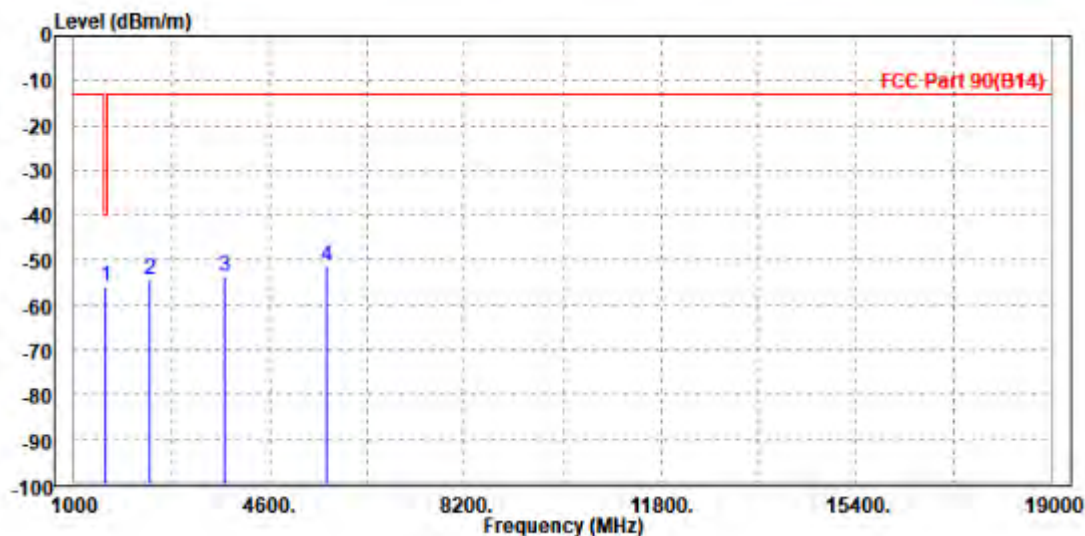
Test Report No.: W7L-240430W002RF01

DC_14A_N2A

CHANNEL BANDWIDTH: 10MHz+40MHz / QPSK

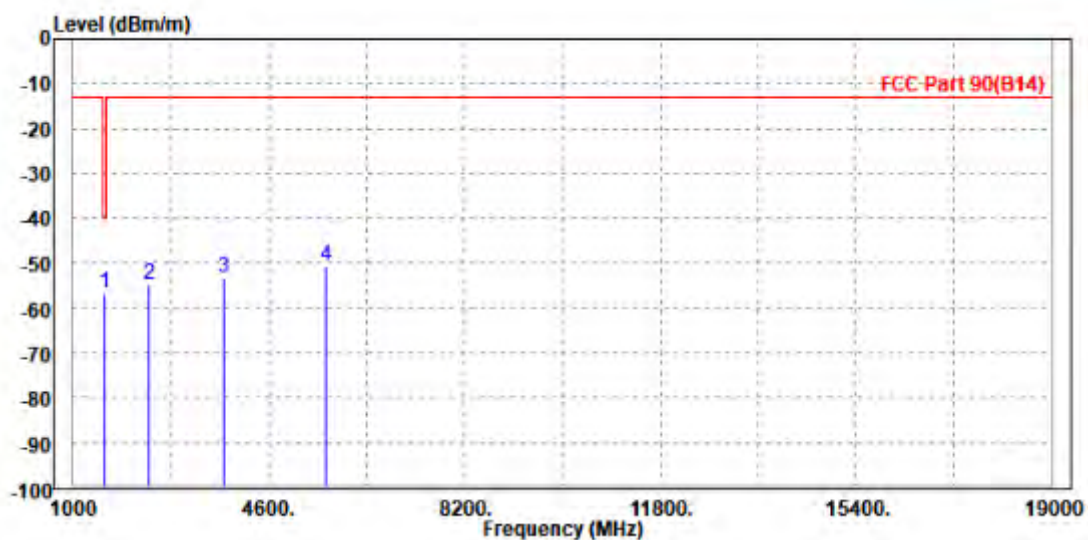
MODE	TX channel 23330/376000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1 PP	1594.000	-56.06	-59.55	-40.00	-16.06	3.49	Peak	Horizontal
2	2379.000	-54.37	-60.14	-13.00	-41.37	5.77	Peak	Horizontal
3	3760.000	-53.56	-61.91	-13.00	-40.56	8.35	Peak	Horizontal
4	5640.000	-51.21	-63.02	-13.00	-38.21	11.81	Peak	Horizontal



MODE	TX channel 23330/376000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
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	PP	1594.000	-56.70	-59.99	-40.00	-16.70	3.29	Peak	Vertical
2		2379.000	-54.79	-60.14	-13.00	-41.79	5.35	Peak	Vertical
3		3760.000	-53.24	-61.87	-13.00	-40.24	8.63	Peak	Vertical
4		5640.000	-50.69	-63.01	-13.00	-37.69	12.32	Peak	Vertical

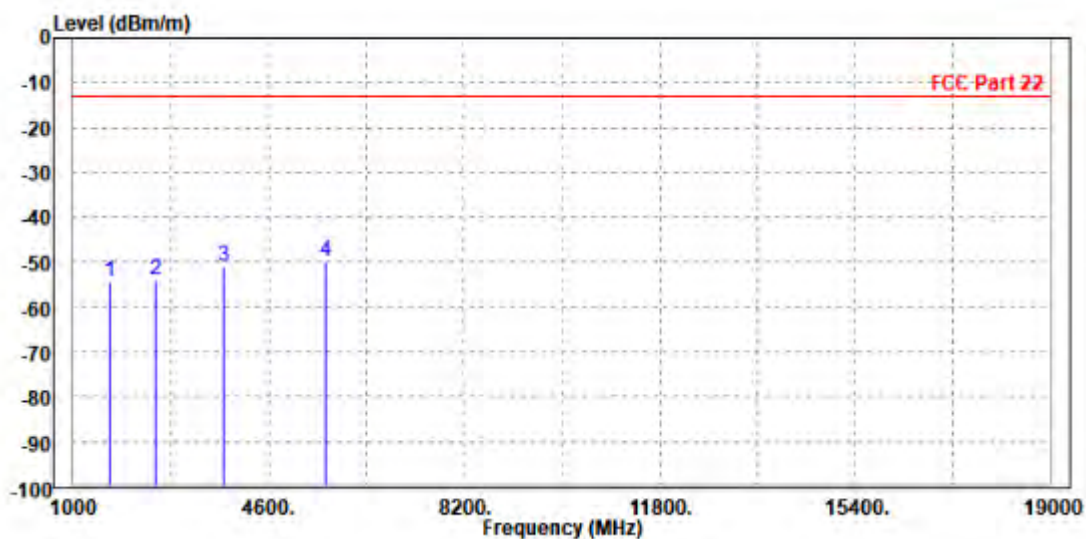


DC_2A_N5A

CHANNEL BANDWIDTH: 20MHz +20MHz / QPSK

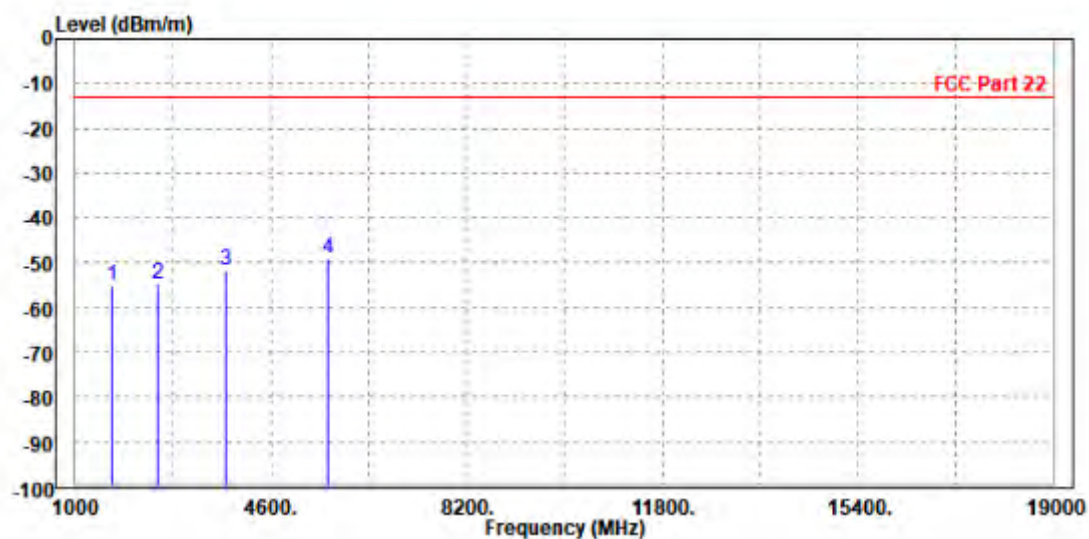
MODE	TX channel 18900/167300	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	1666.000	-54.21	-57.92	-13.00	-41.21	3.71	Peak	Horizontal
2	2505.000	-54.06	-60.18	-13.00	-41.06	6.12	Peak	Horizontal
3	3760.000	-50.91	-59.26	-13.00	-37.91	8.35	Peak	Horizontal
4 PP	5640.000	-49.92	-61.73	-13.00	-36.92	11.81	Peak	Horizontal



MODE	TX channel 18900/167300	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	PoI/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	1666.000	-55.06	-58.48	-13.00	-42.06	3.42	Peak	Vertical
2	2505.000	-54.89	-60.70	-13.00	-41.89	5.81	Peak	Vertical
3	3760.000	-51.79	-60.42	-13.00	-38.79	8.63	Peak	Vertical
4 PP	5640.000	-49.04	-61.36	-13.00	-36.04	12.32	Peak	Vertical





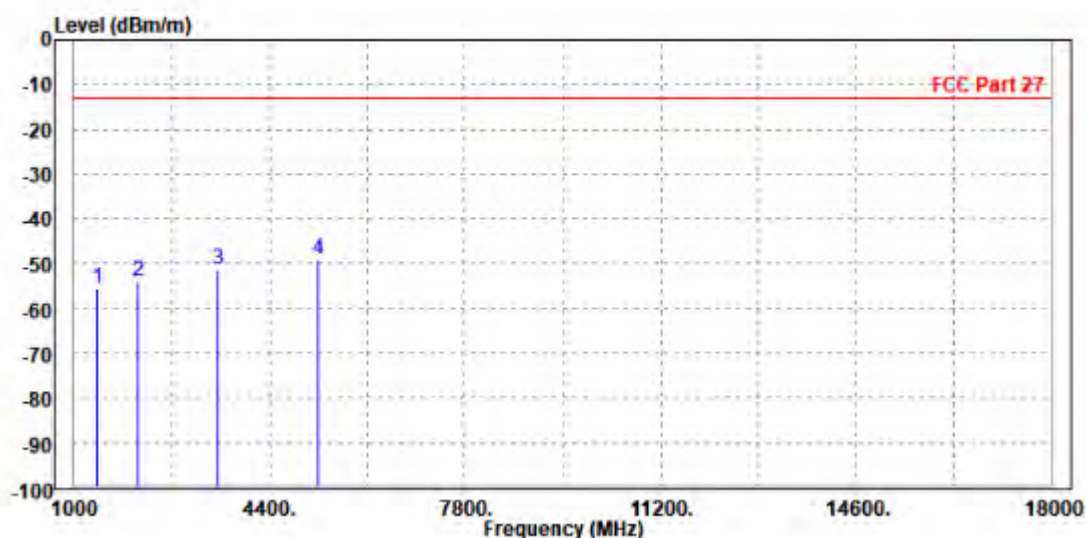
Test Report No.: W7L-240430W002RF01

DC_12A_N66A

CHANNEL BANDWIDTH: 10MHz+40MHz / QPSK

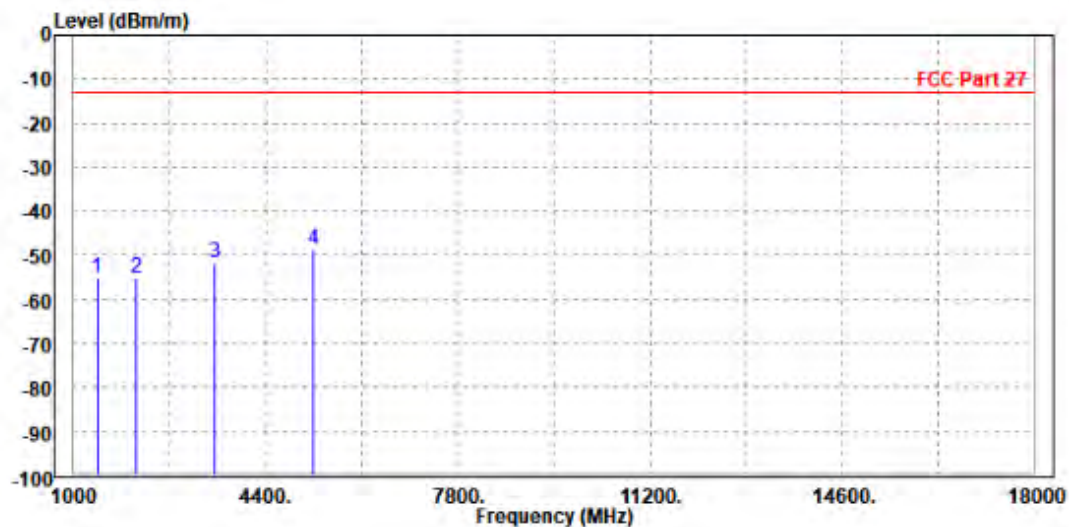
MODE	TX channel 23095/349000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	1408.000	-55.34	-58.26	-13.00	-42.34	2.92	Peak	Horizontal
2	2121.000	-54.08	-59.16	-13.00	-41.08	5.08	Peak	Horizontal
3	3490.000	-51.51	-60.06	-13.00	-38.51	8.55	Peak	Horizontal
4 PP	5235.000	-49.17	-60.58	-13.00	-36.17	11.41	Peak	Horizontal



MODE	TX channel 23095/349000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
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	1414.000	-55.05	-57.97	-13.00	-42.05	2.92	Peak	Vertical
2	2121.000	-55.04	-59.47	-13.00	-42.04	4.43	Peak	Vertical
3	3490.000	-51.63	-60.27	-13.00	-38.63	8.64	Peak	Vertical
4 PP	5233.000	-48.76	-60.58	-13.00	-35.76	11.82	Peak	Vertical



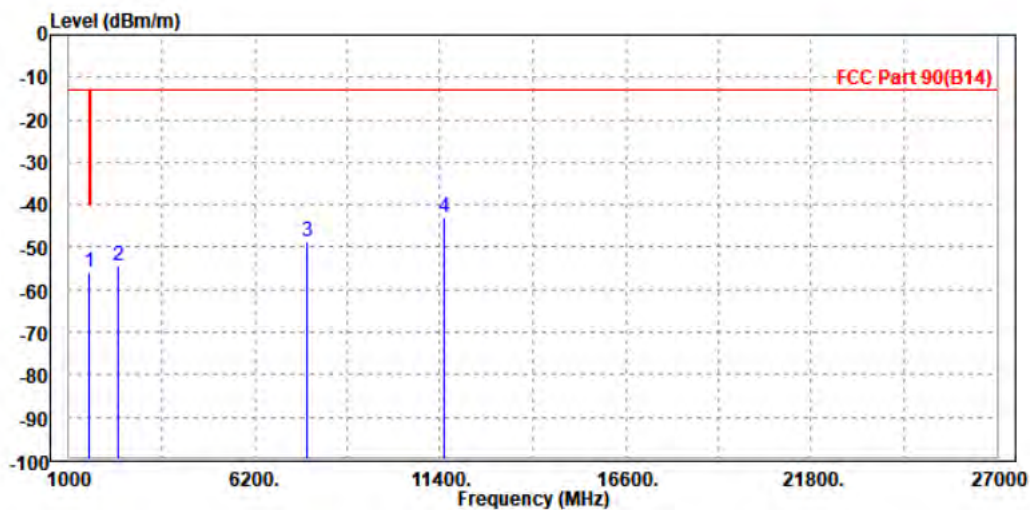
DC_14A-N77A

Note: For frequency above 27GHz, the emission was tested 20db below the limit so the data not recorded in the sheet.

CHANNEL BANDWIDTH: 10MHz+100MHz / QPSK

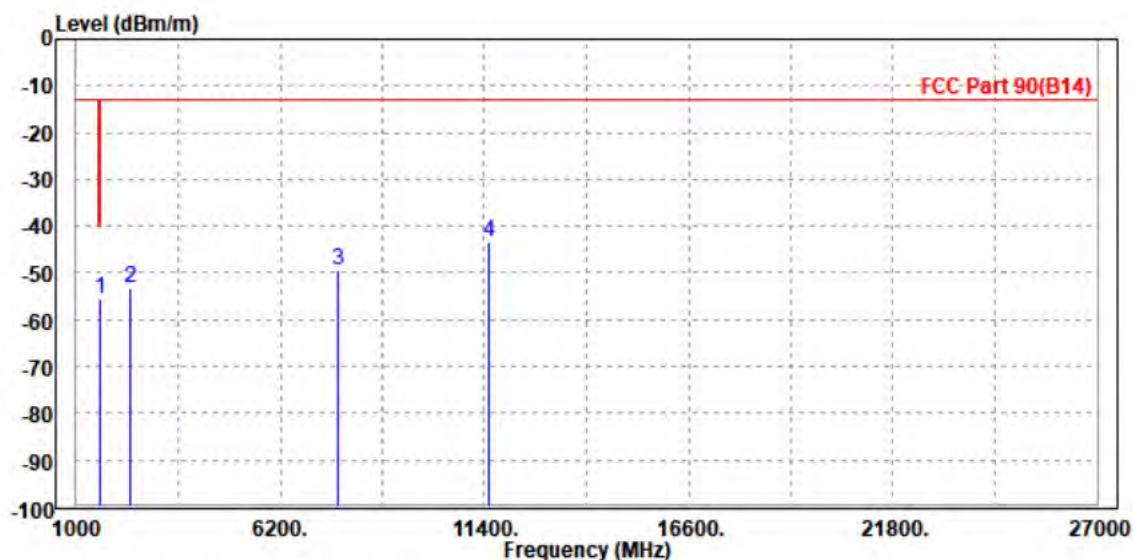
MODE	TX channel 23330/656000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

		Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
		MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	PP	1586.000	-55.94	-59.41	-40.00	-15.94	3.47	Peak	Horizontal
2		2379.000	-54.55	-60.32	-13.00	-41.55	5.77	Peak	Horizontal
3		7680.000	-48.57	-63.22	-13.00	-35.57	14.65	Peak	Horizontal
4		11520.000	-42.95	-63.79	-13.00	-29.95	20.84	Peak	Horizontal



MODE	TX channel 23330/656000	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	DC 14V
TESTED BY	Jace Hu		
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	PP 1598.000	-55.53	-58.83	-40.00	-15.53	3.30	Peak	Vertical
2	2379.000	-53.19	-58.54	-13.00	-40.19	5.35	Peak	Vertical
3	7680.000	-49.31	-63.11	-13.00	-36.31	13.80	Peak	Vertical
4	11520.000	-43.48	-63.05	-13.00	-30.48	19.57	Peak	Vertical

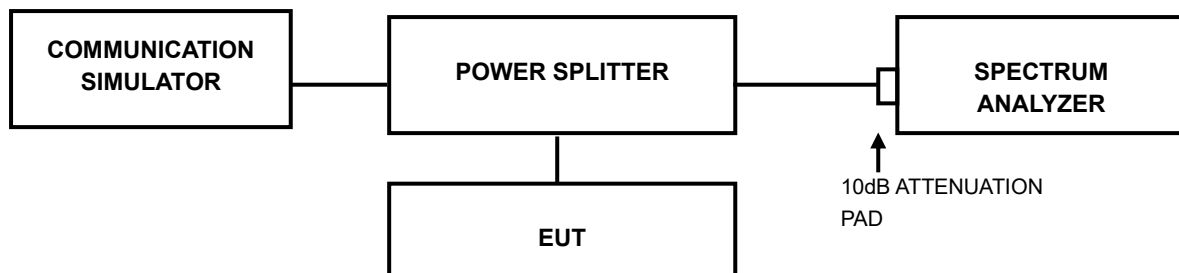


3.7 PEAK TO AVERAGE RATIO

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%.