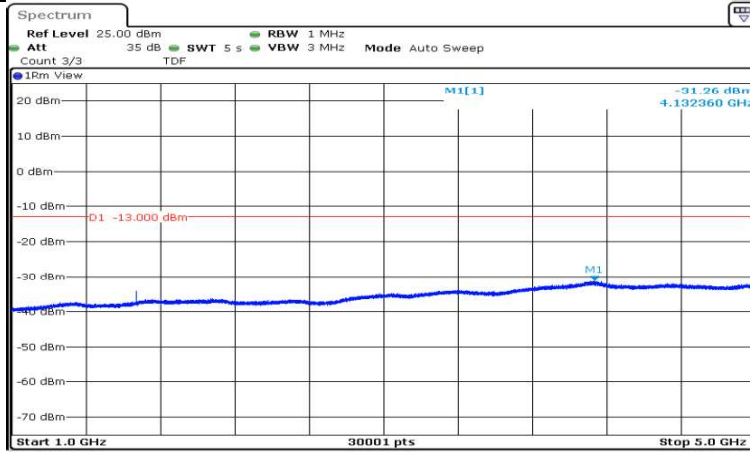


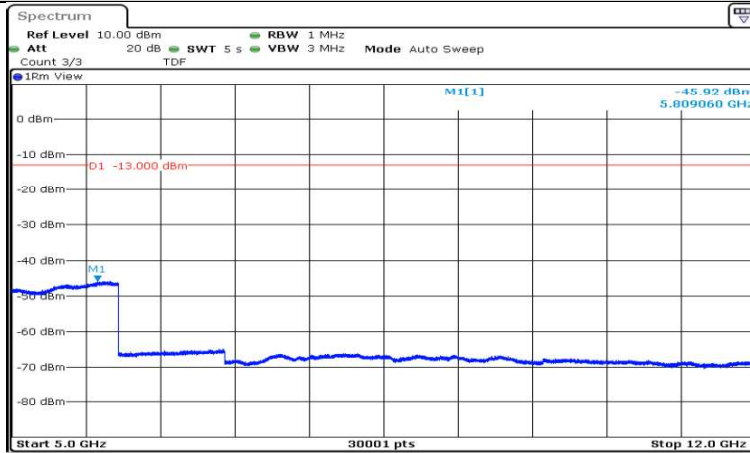
P  
 Date: 22.SEP.2020 11:24:18

Band5-5MHz-16QAM-20525-1RB#0-Range4:1000~5000MHz



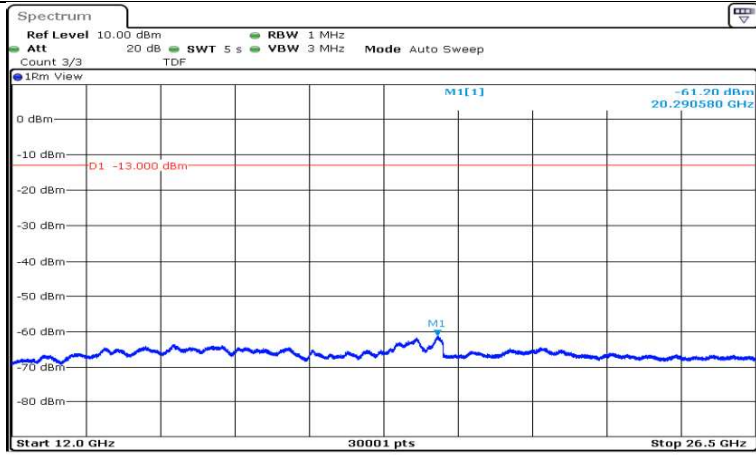
P  
 Date: 22.SEP.2020 11:24:40

Band5-5MHz-16QAM-20525-1RB#0-Range5:5000~12000MHz



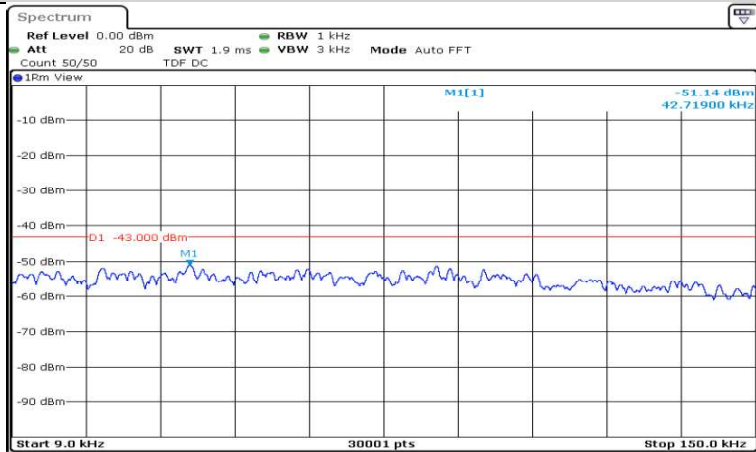
P  
 Date: 22.SEP.2020 11:25:03

Band5-5MHz-16QAM-20525-1RB#0-Range6:12000~26500MHz



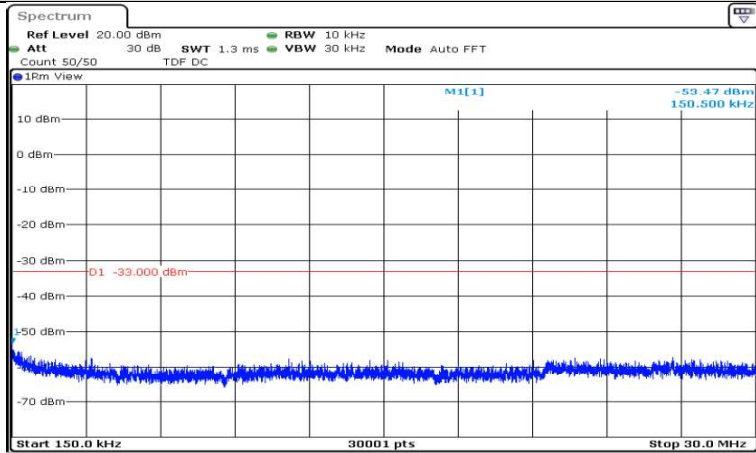
P  
Date: 22 SEP 2020 11:25:26

Band5-5MHz-16QAM-20625-1RB#0-Range1:0.009~0.15MHz



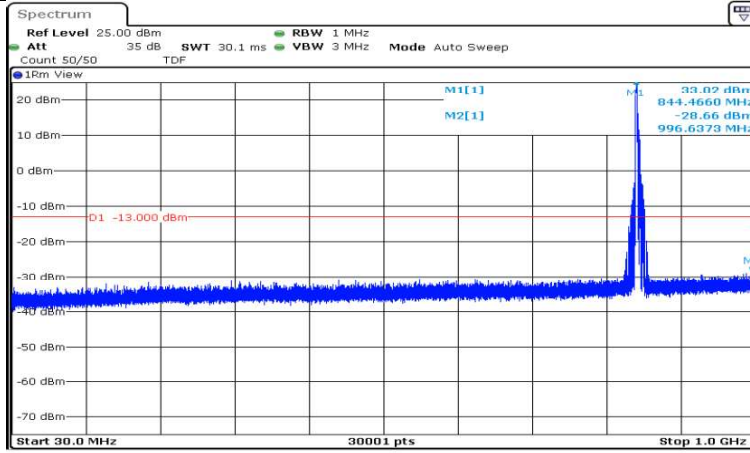
P  
Date: 22 SEP 2020 11:34:26

Band5-5MHz-16QAM-20625-1RB#0-Range2:0.15~30MHz

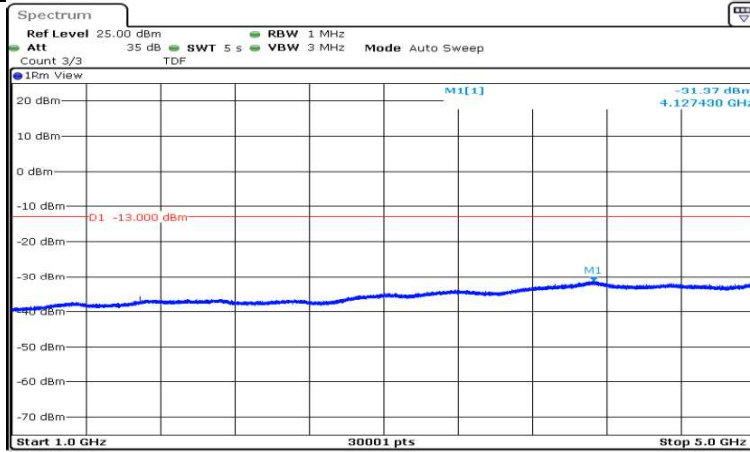


P  
Date: 22 SEP 2020 11:34:33

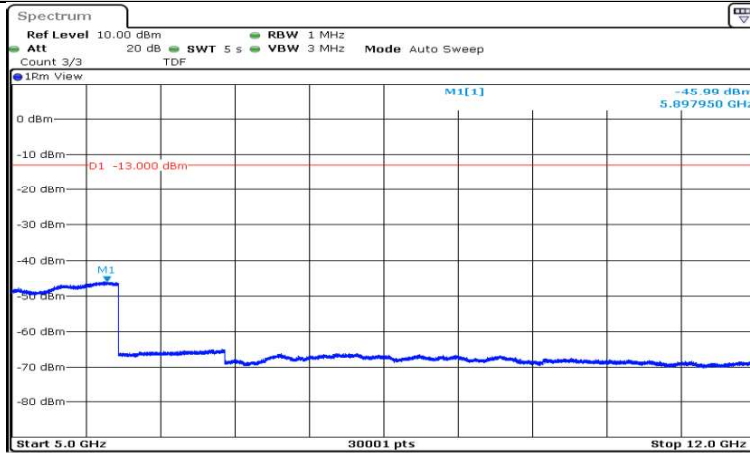
Band5-5MHz-16QAM-20625-1RB#0-Range3:30~1000MHz



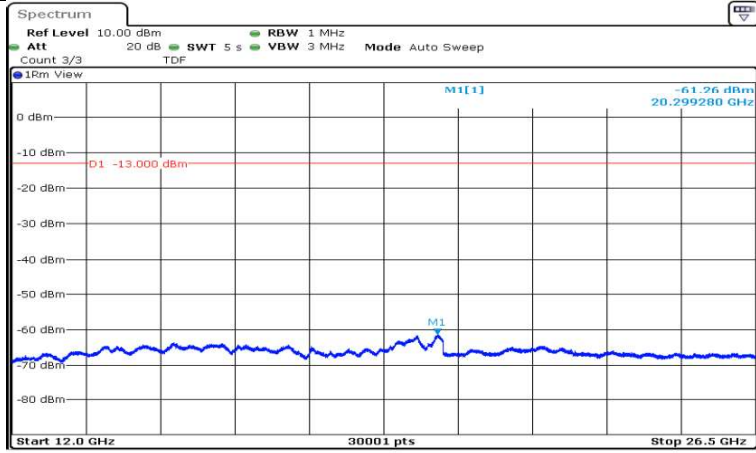
Band5-5MHz-16QAM-20625-1RB#0-Range4:1000~5000MHz



Band5-5MHz-16QAM-20625-1RB#0-Range5:5000~12000MHz

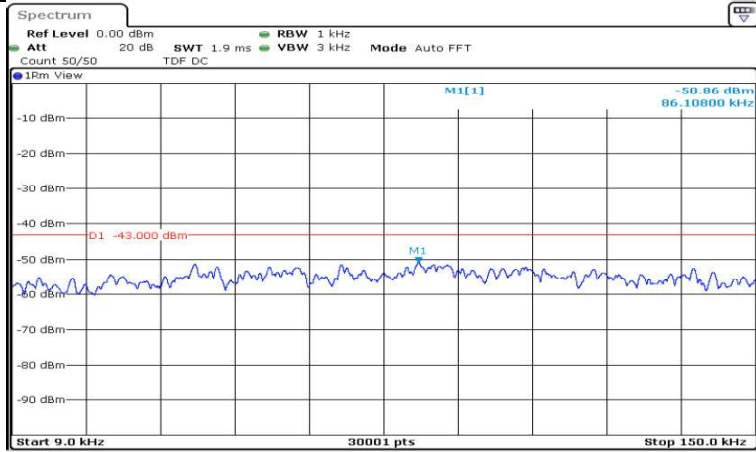


Band5-5MHz-16QAM-20625-1RB#0-Range6:12000~26500MHz



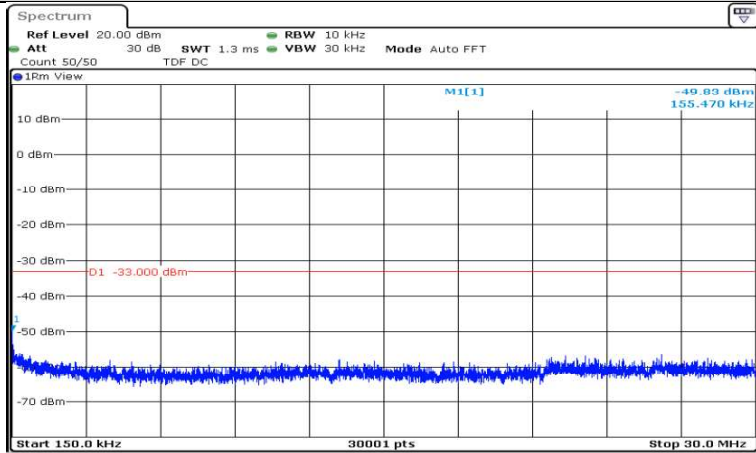
P  
Date: 22 SEP 2020 11:35:50

Band5-10MHz-QPSK-20450-1RB#0-Range1:0.009~0.15MHz



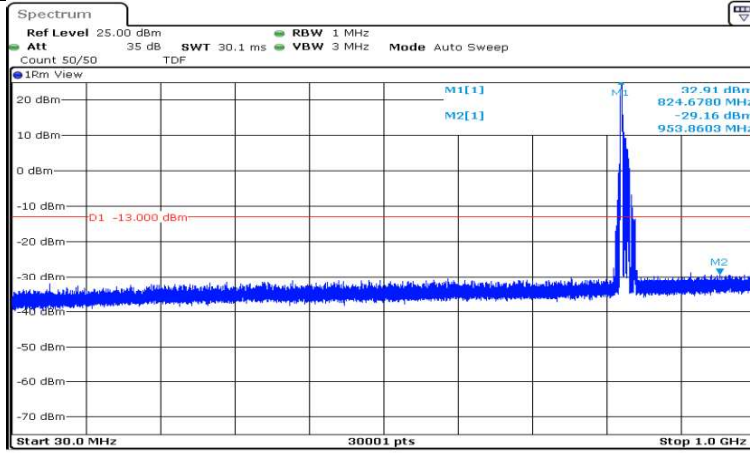
P  
Date: 22 SEP 2020 11:36:06

Band5-10MHz-QPSK-20450-1RB#0-Range2:0.15~30MHz



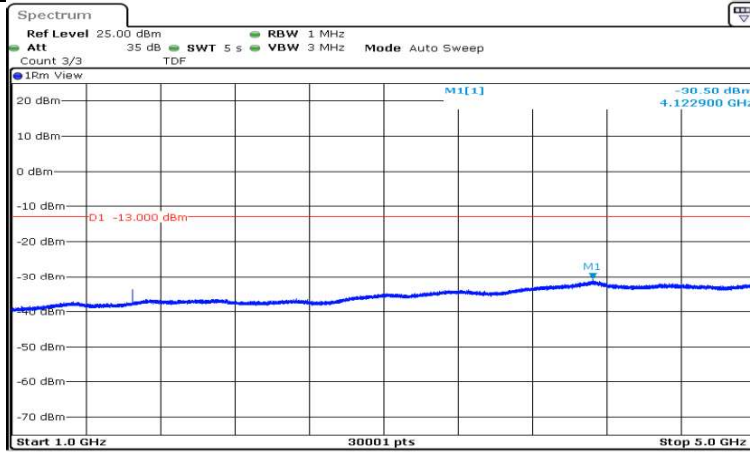
P  
Date: 22 SEP 2020 11:36:12

Band5-10MHz-QPSK-20450-1RB#0-Range3:30~1000MHz



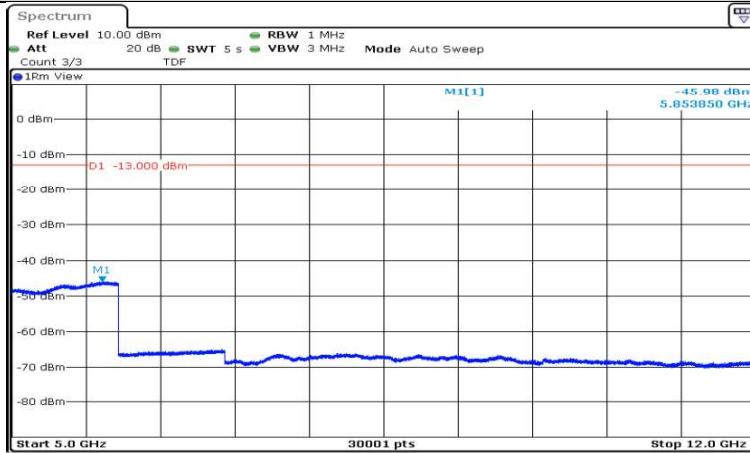
P  
 Date: 22 SEP 2020 11:36:21

Band5-10MHz-QPSK-20450-1RB#0-Range4:1000~5000MHz



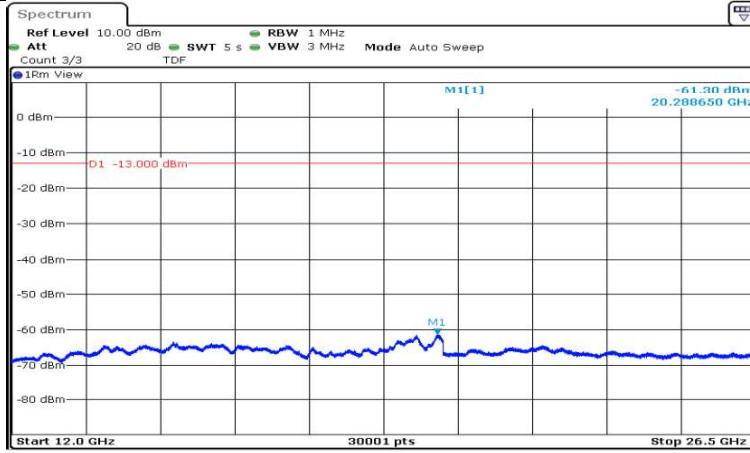
P  
 Date: 22 SEP 2020 11:36:44

Band5-10MHz-QPSK-20450-1RB#0-Range5:5000~12000MHz



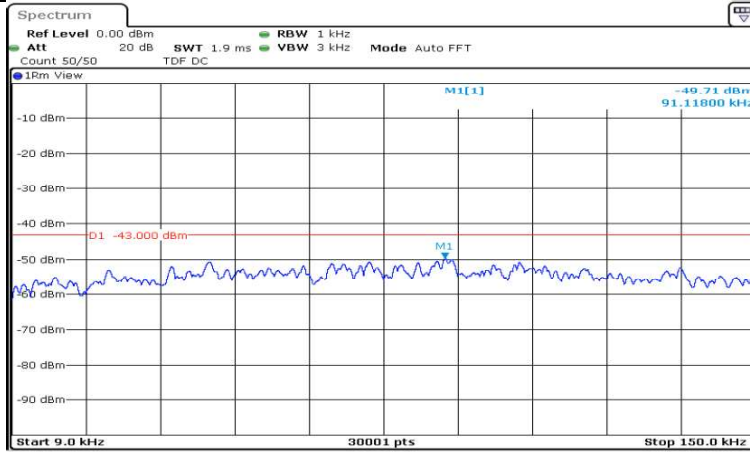
P  
 Date: 22 SEP 2020 11:37:07

Band5-10MHz-QPSK-20450-1RB#0-Range6:12000~26500MHz



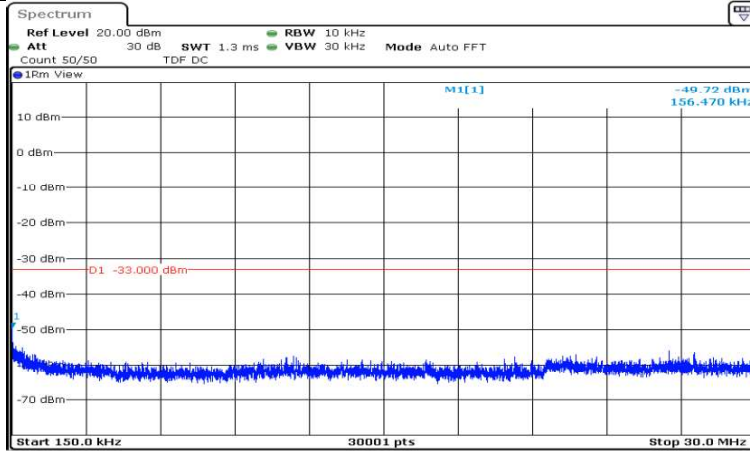
P  
Date: 22 SEP 2020 11:37:30

Band5-10MHz-QPSK-20525-1RB#0-Range1:0.009~0.15MHz



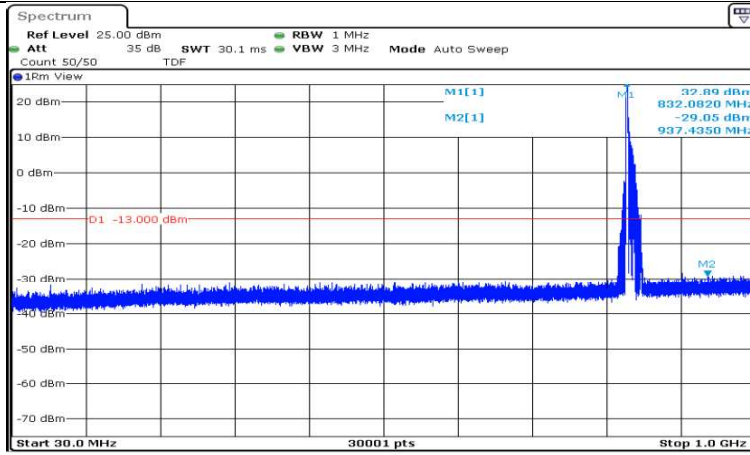
P  
Date: 22 SEP 2020 11:39:11

Band5-10MHz-QPSK-20525-1RB#0-Range2:0.15~30MHz



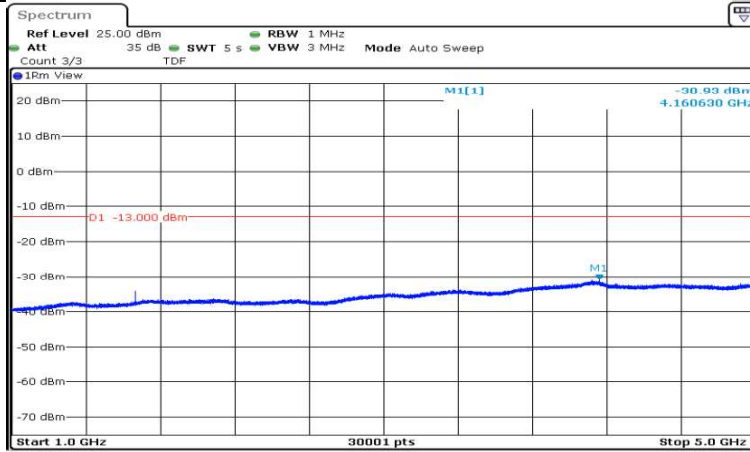
P  
Date: 22 SEP 2020 11:39:17

Band5-10MHz-QPSK-20525-1RB#0-Range3:30~1000MHz



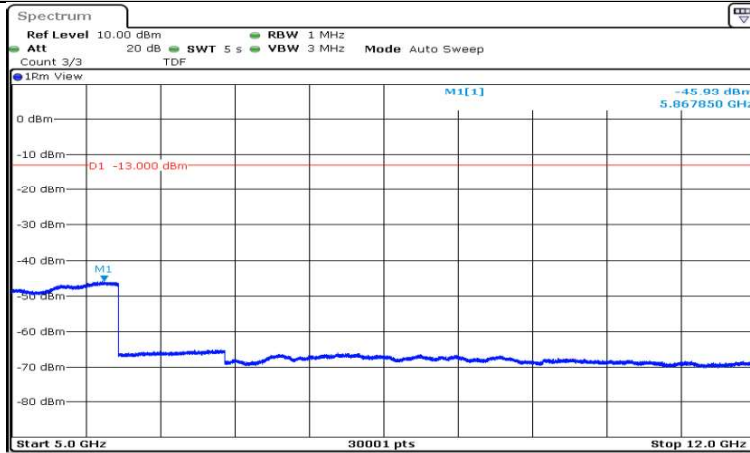
P  
 Date: 22 SEP 2020 11:39:26

**Band5-10MHz-QPSK-20525-1RB#0-Range4:1000~5000MHz**



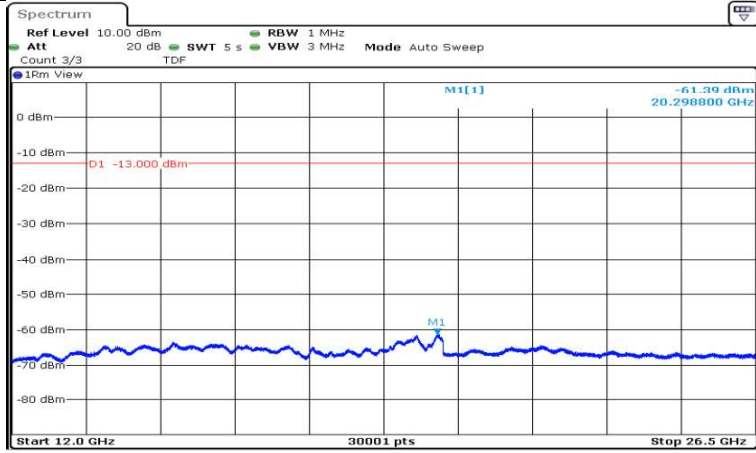
P  
 Date: 22 SEP 2020 11:39:49

**Band5-10MHz-QPSK-20525-1RB#0-Range5:5000~12000MHz**



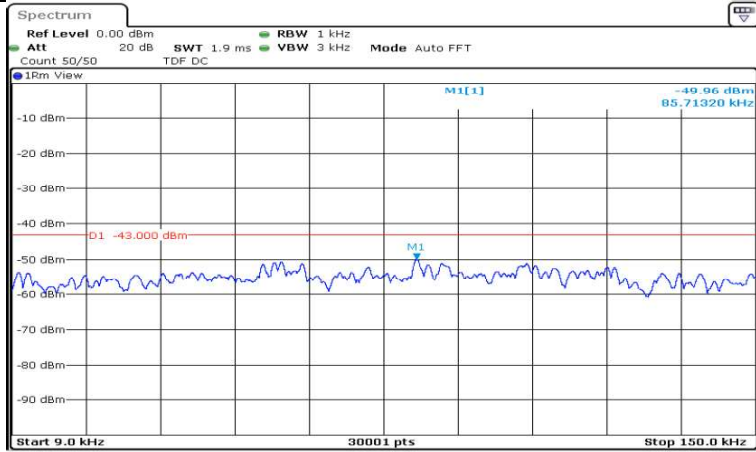
P  
 Date: 22 SEP 2020 11:40:12

**Band5-10MHz-QPSK-20525-1RB#0-Range6:12000~26500MHz**



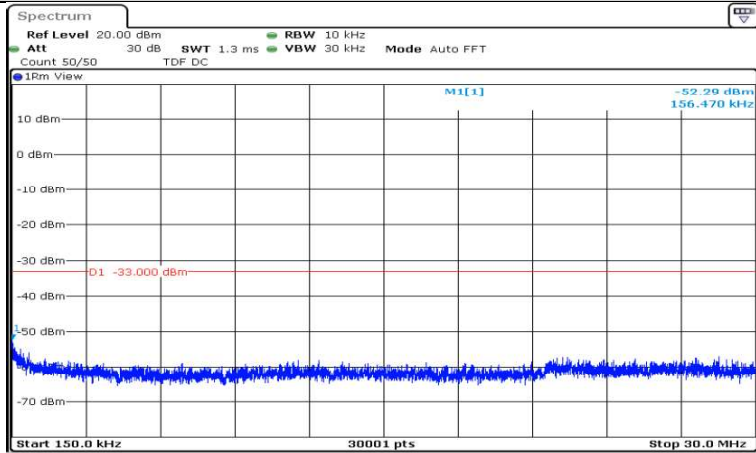
P  
 Date: 22 SEP 2020 11:40:35

Band5-10MHz-QPSK-20600-1RB#0-Range1:0.009~0.15MHz



P  
 Date: 22 SEP 2020 11:42:16

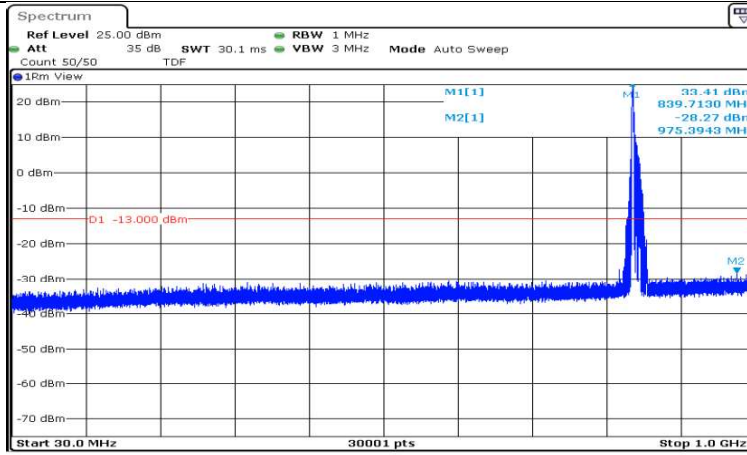
Band5-10MHz-QPSK-20600-1RB#0-Range2:0.15~30MHz



P  
 Date: 22 SEP 2020 11:42:22

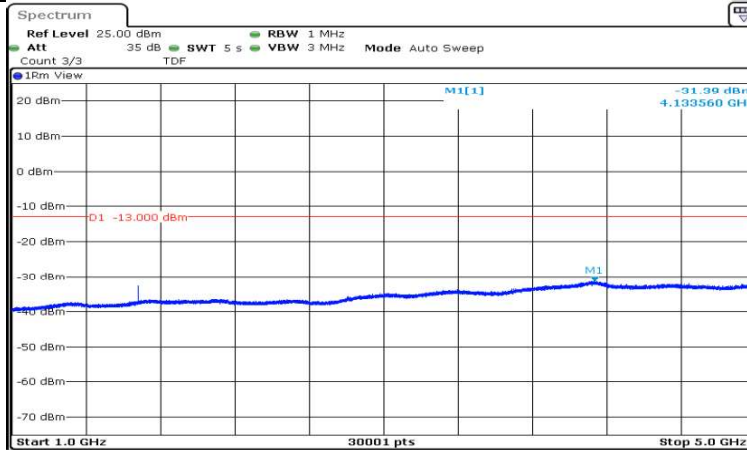
Band5-10MHz-QPSK-20600-1RB#0-Range3:30~1000MHz





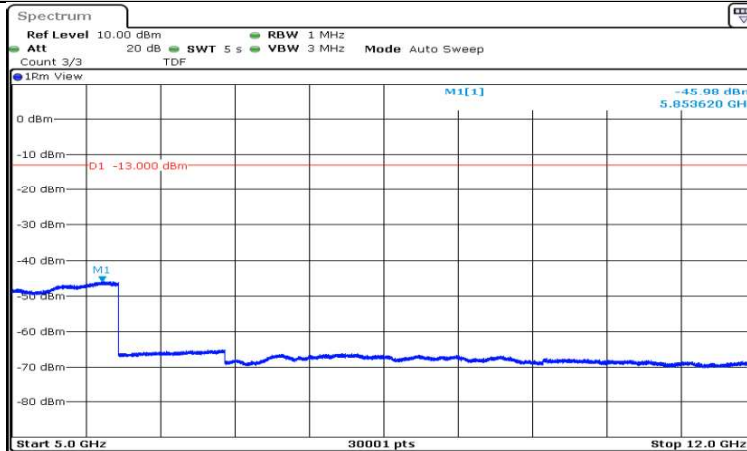
P  
 Date: 22 SEP 2020 11:42:31

Band5-10MHz-QPSK-20600-1RB#0-Range4:1000~5000MHz



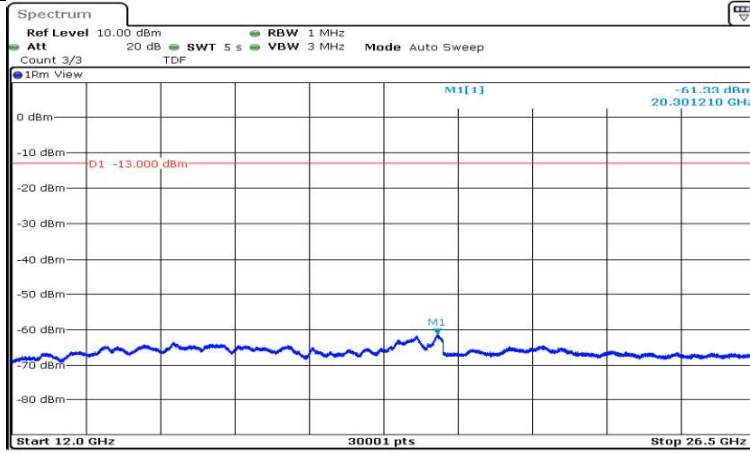
P  
 Date: 22 SEP 2020 11:42:54

Band5-10MHz-QPSK-20600-1RB#0-Range5:5000~12000MHz



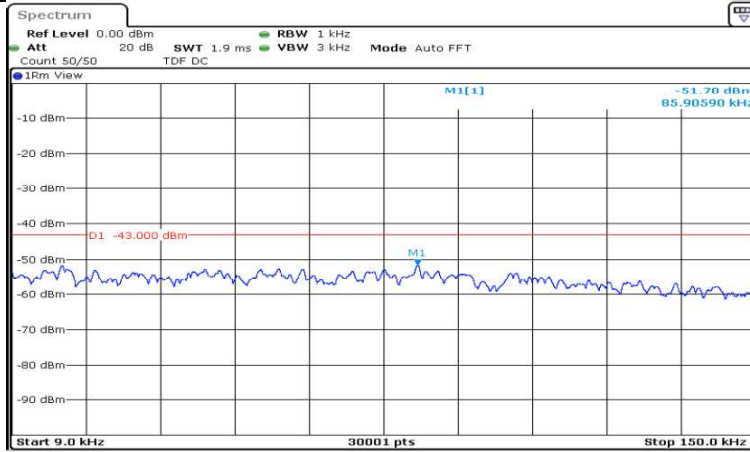
P  
 Date: 22 SEP 2020 11:43:17

Band5-10MHz-QPSK-20600-1RB#0-Range6:12000~26500MHz



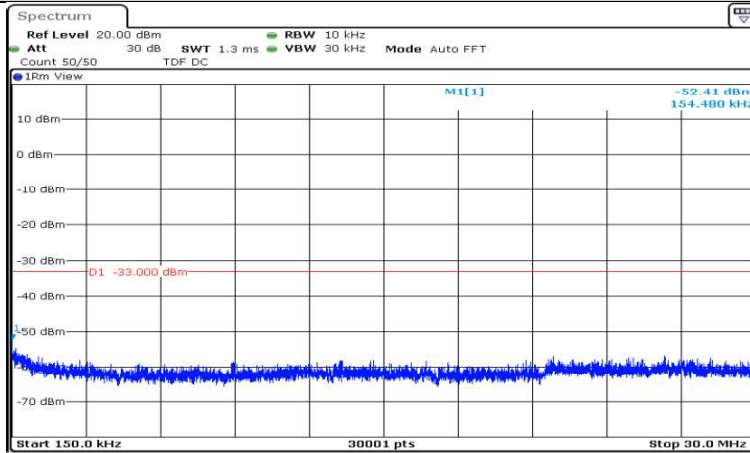
P  
 Date: 22 SEP 2020 11:43:40

Band5-10MHz-16QAM-20450-1RB#0-Range1:0.009~0.15MHz



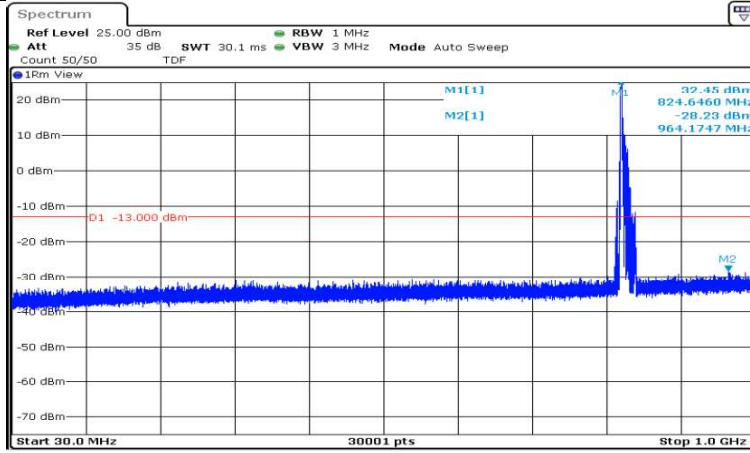
P  
 Date: 22 SEP 2020 11:37:37

Band5-10MHz-16QAM-20450-1RB#0-Range2:0.15~30MHz



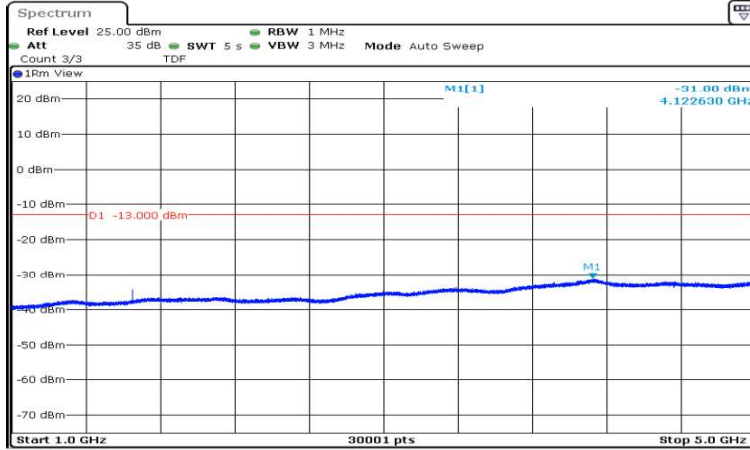
P  
 Date: 22 SEP 2020 11:37:43

Band5-10MHz-16QAM-20450-1RB#0-Range3:30~1000MHz



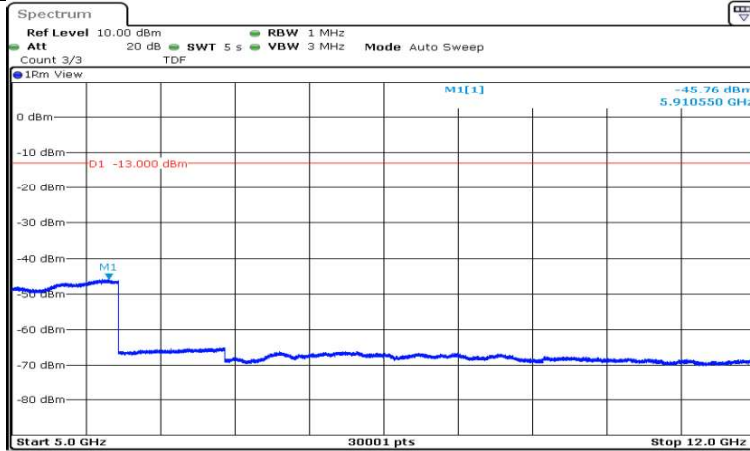
P  
 Date: 22 SEP 2020 11:37:52

Band5-10MHz-16QAM-20450-1RB#0-Range4:1000~5000MHz



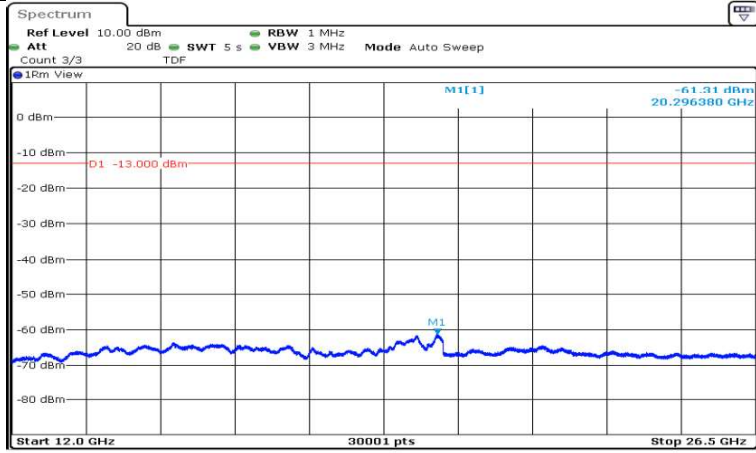
P  
 Date: 22 SEP 2020 11:38:15

Band5-10MHz-16QAM-20450-1RB#0-Range5:5000~12000MHz



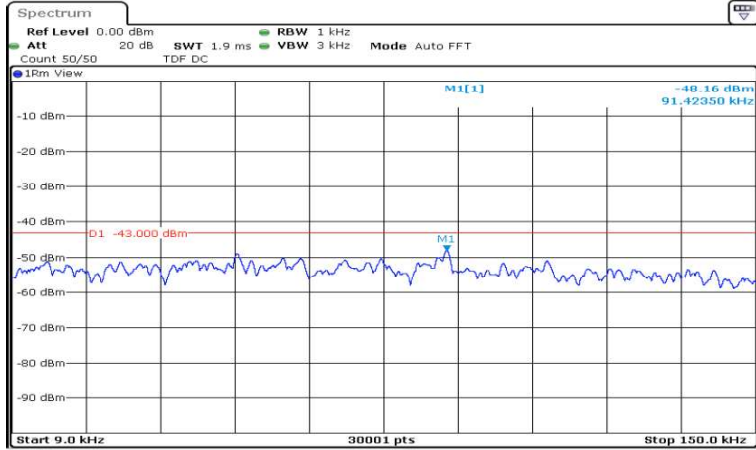
P  
 Date: 22 SEP 2020 11:38:38

Band5-10MHz-16QAM-20450-1RB#0-Range6:12000~26500MHz



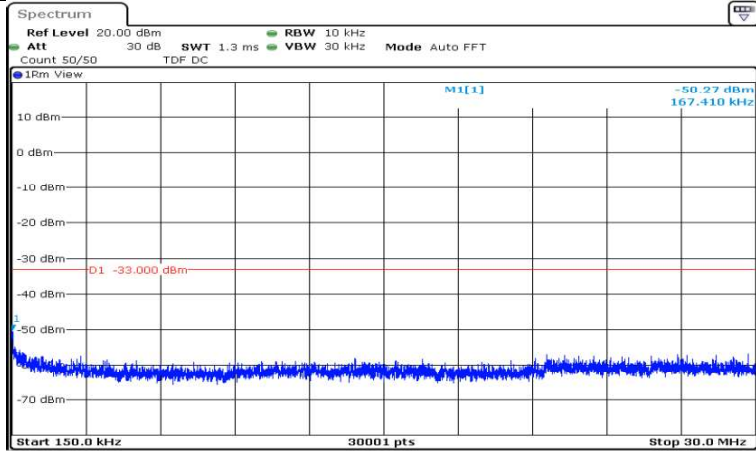
P  
Date: 22 SEP 2020 11:39:01

Band5-10MHz-16QAM-20525-1RB#0-Range1:0.009~0.15MHz



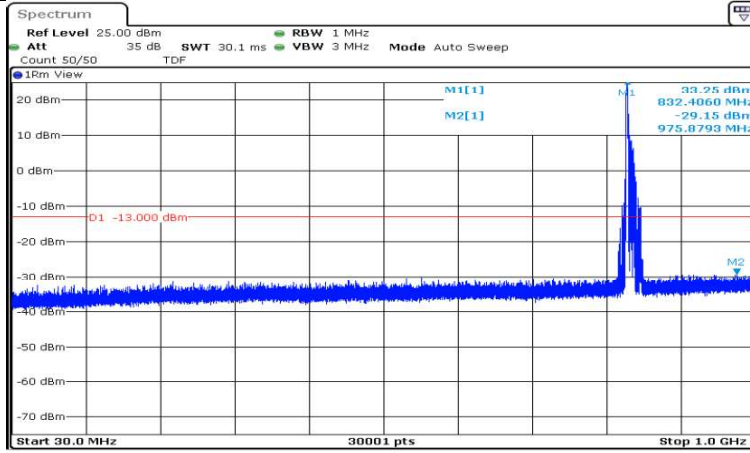
P  
Date: 22 SEP 2020 11:40:42

Band5-10MHz-16QAM-20525-1RB#0-Range2:0.15~30MHz



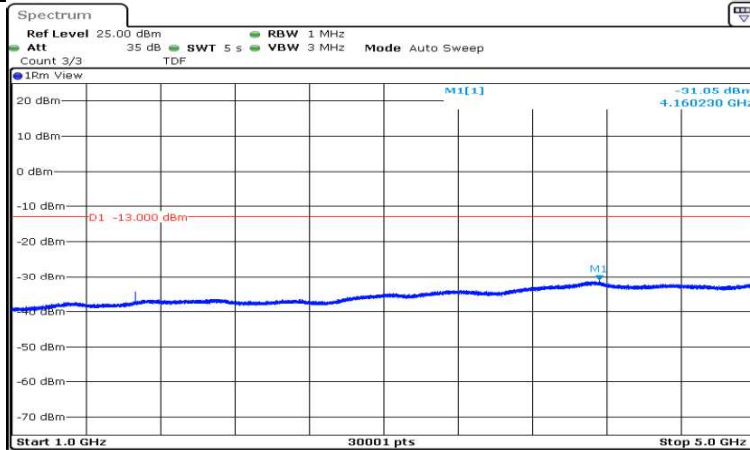
P  
Date: 22 SEP 2020 11:40:49

Band5-10MHz-16QAM-20525-1RB#0-Range3:30~1000MHz



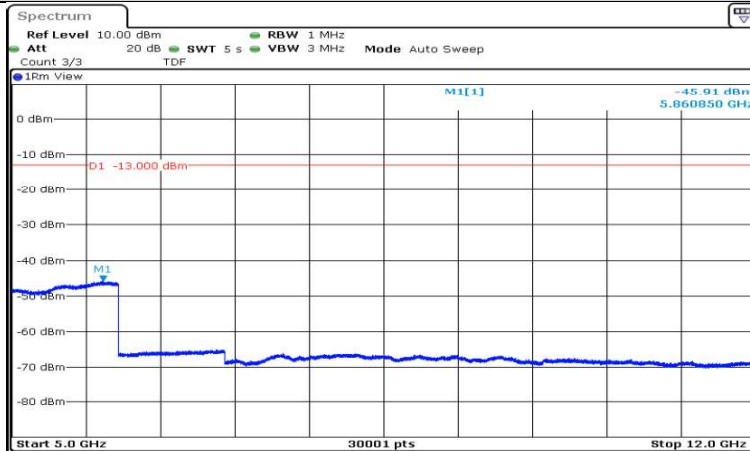
P  
 Date: 22 SEP 2020 11:40:57

Band5-10MHz-16QAM-20525-1RB#0-Range4:1000~5000MHz



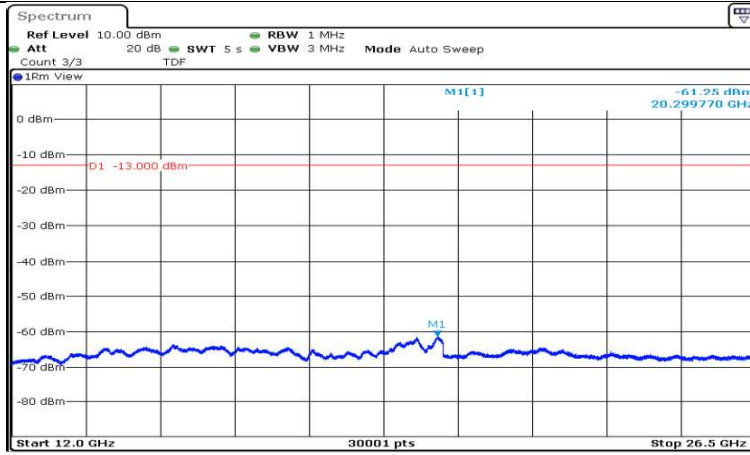
P  
 Date: 22 SEP 2020 11:41:20

Band5-10MHz-16QAM-20525-1RB#0-Range5:5000~12000MHz



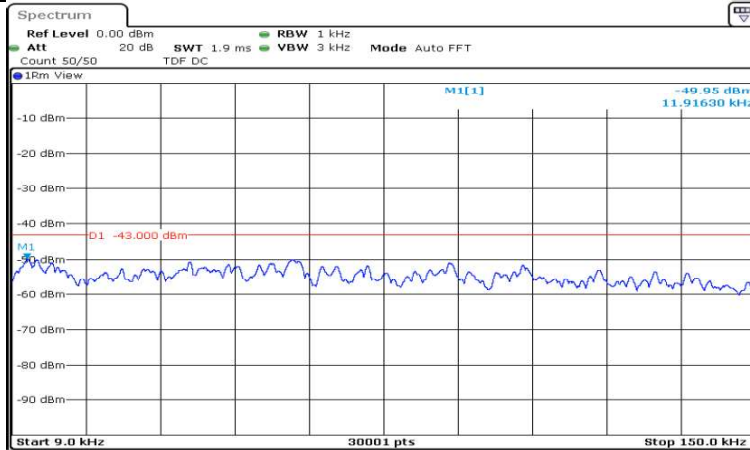
P  
 Date: 22 SEP 2020 11:41:43

Band5-10MHz-16QAM-20525-1RB#0-Range6:12000~26500MHz



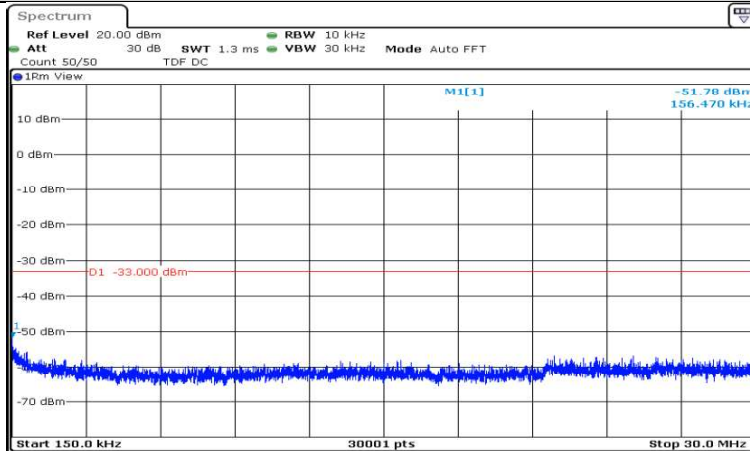
P  
 Date: 22 SEP 2020 11:42:06

Band5-10MHz-16QAM-20600-1RB#0-Range1:0.009~0.15MHz



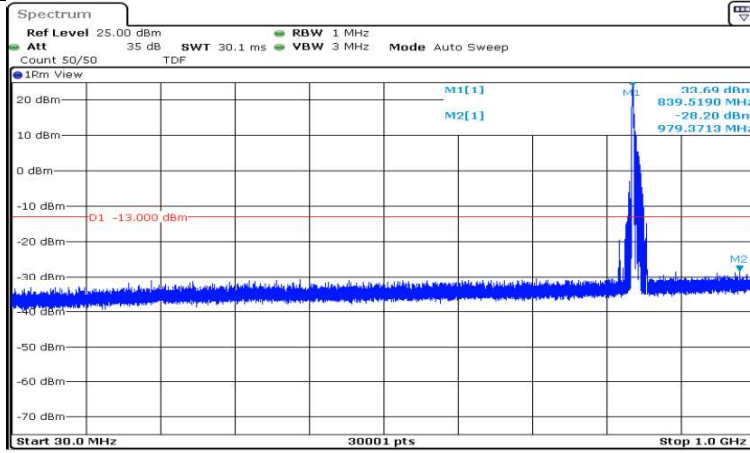
P  
 Date: 22 SEP 2020 11:43:47

Band5-10MHz-16QAM-20600-1RB#0-Range2:0.15~30MHz



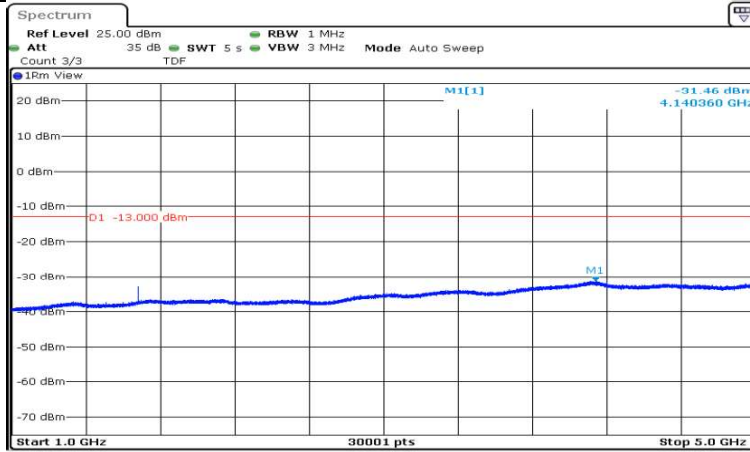
P  
 Date: 22 SEP 2020 11:43:54

Band5-10MHz-16QAM-20600-1RB#0-Range3:30~1000MHz



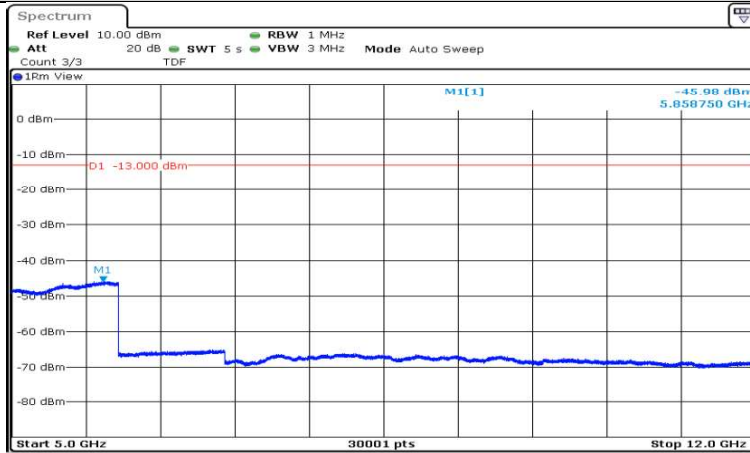
P  
 Date: 22 SEP 2020 11:44:02

Band5-10MHz-16QAM-20600-1RB#0-Range4:1000~5000MHz



P  
 Date: 22 SEP 2020 11:44:25

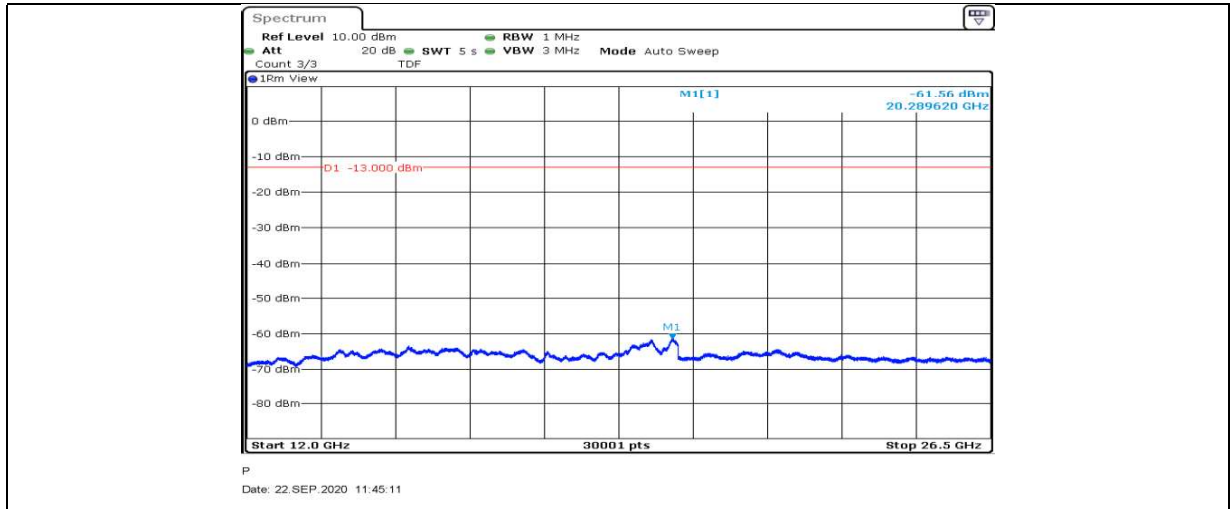
Band5-10MHz-16QAM-20600-1RB#0-Range5:5000~12000MHz



P  
 Date: 22 SEP 2020 11:44:48

Band5-10MHz-16QAM-20600-1RB#0-Range6:12000~26500MHz

Total Quality. Assured.





## Appendix G Field Strength of Spurious Radiation

The transmitting equipment under test (EUT) is placed on a styrene turntable which is four feet in diameter and approximately 0.8 meter up to 1GHz and 1.5 meter above 1GHz in height above the ground plane. During the radiated emissions test, the turntable is rotated and any cables leaving the EUT are manipulated to find the configuration resulting in maximum emissions. The EUT is adjusted through all three orthogonal axes to obtain maximum emission levels. The antenna height and polarization are varied during the testing to search for maximum signal levels.

The frequency range scanned is from the lowest radio frequency signal generated in the device which is greater than 9 kHz to the tenth harmonic of the highest fundamental frequency or 40 GHz, whichever is lower. The emissions were very low against the limit in the frequency range 9kHz to 30MHz.

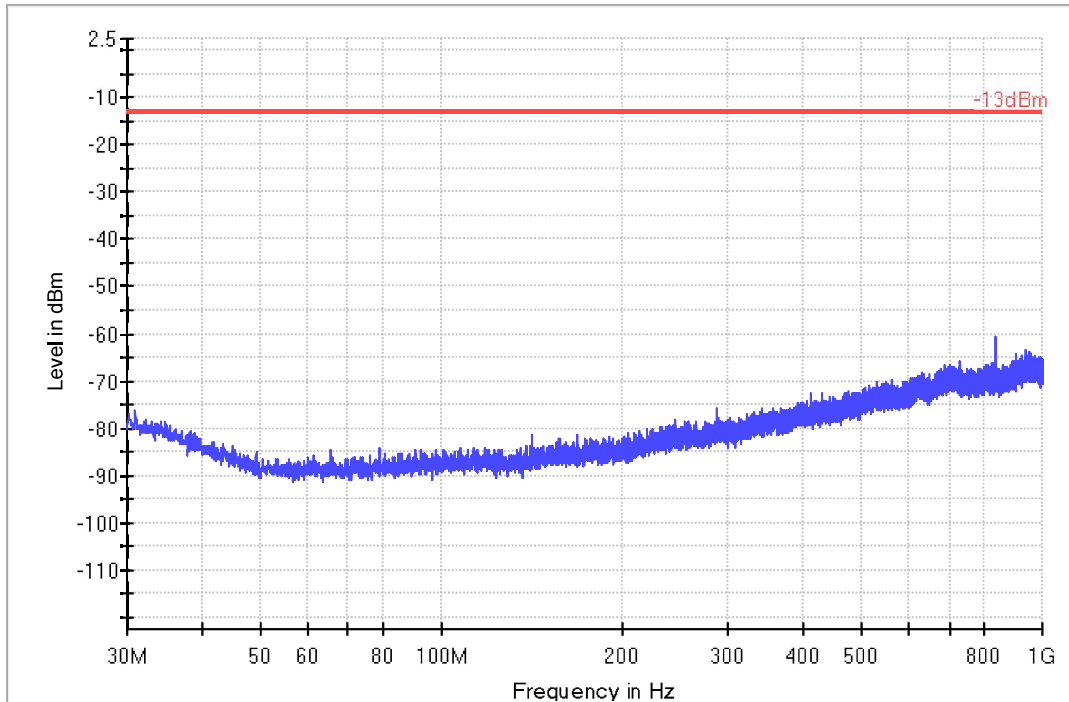
Note: We tested all modes, but the data presented below is the worst case.

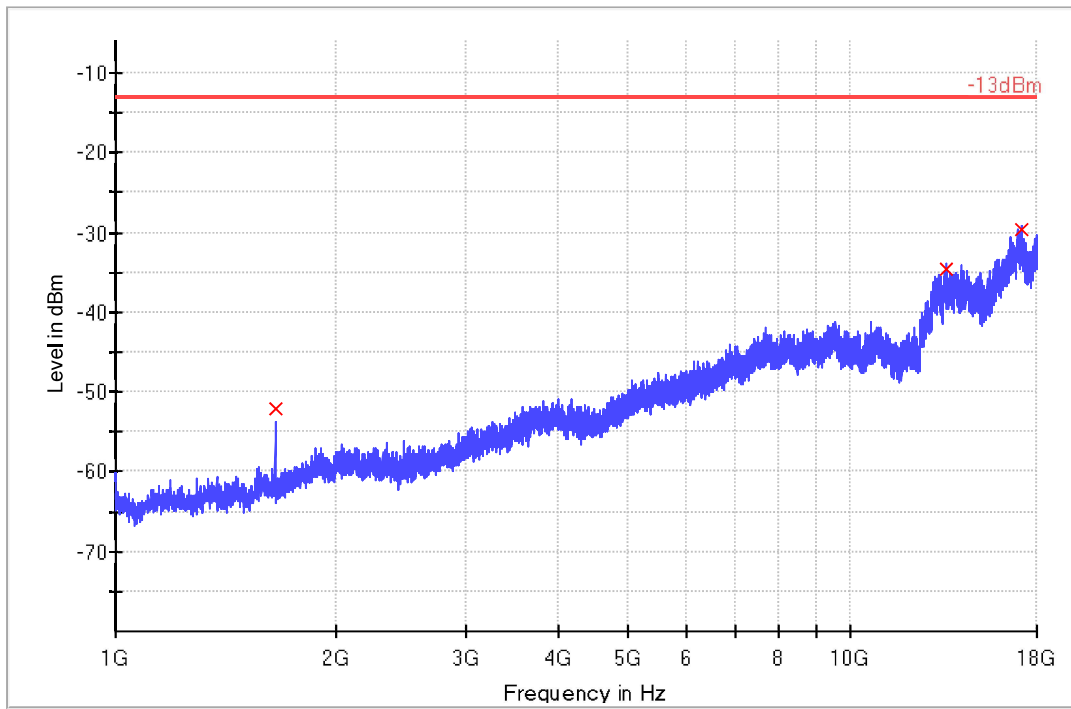
9kHz~150kHz, VBW = 200Hz, VBW = 600 Hz, Detector: PK  
150kHz~30MHz, VBW = 9kHz, VBW = 30k Hz, Detector: PK  
30MHz~1GHz, RBW = 100 kHz, VBW = 300 kHz. Detector: PK  
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

### Test Plots

Test Band = BAND5

Worst Test Bandwidth = 10MHz





## Appendix H: Frequency Stability

### Test Result

Frequency Error vs. Voltage:

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	VL	NT	34.93	0.042355	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	VN	NT	27.69	0.033576	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	VH	NT	40.27	0.048830	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VL	NT	4.08	0.004877	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VN	NT	12.96	0.015493	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VH	NT	-6.72	-0.008033	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VL	NT	-8.45	-0.009961	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VN	NT	6.27	0.007391	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VH	NT	-22.09	-0.026040	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VL	NT	22.82	0.027671	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VN	NT	15.52	0.018819	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VH	NT	31.04	0.037638	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VL	NT	-21.14	-0.025272	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VN	NT	-25.53	-0.030520	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VH	NT	-14.51	-0.017346	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	VL	NT	5.87	0.006920	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	VN	NT	-6.65	-0.007839	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	VH	NT	12.87	0.015172	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	VL	NT	35.10	0.042520	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	VN	NT	26.75	0.032405	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	VH	NT	37.22	0.045088	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VL	NT	6.98	0.008344	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VN	NT	14.63	0.017490	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VH	NT	-9.36	-0.011189	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	VL	NT	3.88	0.004578	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	VN	NT	12.56	0.014820	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	VH	NT	-14.26	-0.016826	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	VL	NT	15.09	0.018280	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	VN	NT	5.71	0.006917	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	VH	NT	25.85	0.031314	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	VL	NT	11.03	0.013186	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	VN	NT	7.55	0.009026	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	VH	NT	15.64	0.018697	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	VL	NT	14.05	0.016578	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	VN	NT	7.37	0.008696	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	VH	NT	19.27	0.022737	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	VL	NT	22.29	0.026969	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	VN	NT	22.60	0.027344	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	VH	NT	23.90	0.028917	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VL	NT	-3.19	-0.003814	±2.5	PASS

## Total Quality. Assured.

Band5	5MHz	QPSK	20525	25RB#0	VN	NT	11.16	0.013341	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VH	NT	-12.49	-0.014931	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	VL	NT	6.81	0.008045	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	VN	NT	15.03	0.017755	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	VH	NT	-9.81	-0.011589	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	VL	NT	46.71	0.056515	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	VN	NT	37.14	0.044936	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	VH	NT	6.11	0.007393	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VL	NT	-33.52	-0.040072	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VN	NT	-39.21	-0.046874	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VH	NT	-27.38	-0.032732	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	VL	NT	-34.30	-0.040520	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	VN	NT	-40.51	-0.047856	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	VH	NT	-24.88	-0.029392	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VL	NT	24.20	0.029192	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VN	NT	22.69	0.027370	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VH	NT	25.78	0.031098	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VL	NT	-2.40	-0.002869	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VN	NT	11.90	0.014226	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VH	NT	-14.89	-0.017800	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VL	NT	8.01	0.009491	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VN	NT	17.58	0.020829	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VH	NT	-5.05	-0.005983	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VL	NT	1.85	0.002232	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VN	NT	40.98	0.049433	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VH	NT	14.22	0.017153	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VL	NT	-7.08	-0.008464	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VN	NT	-12.43	-0.014860	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VH	NT	7.20	0.008607	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VL	NT	-28.80	-0.034123	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VN	NT	-35.49	-0.042050	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VH	NT	-21.96	-0.026019	±2.5	PASS

## Frequency Error vs. Temperature:

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	NV	-20	10.46	0.012683	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	-10	7	0.008488	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	0	-8.8	-0.01067	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	10	-8.53	-0.01034	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	20	6.68	0.0081	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	30	-6.94	-0.00842	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	40	-7.87	-0.00954	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	50	-7.41	-0.00899	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	60	7.74	0.009385	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-20	-17.28	-0.02066	±2.5	PASS

## Total Quality. Assured.

Band5	1.4MHz	QPSK	20525	6RB#0	NV	-10	-20.46	-0.02446	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	0	-24.32	-0.02907	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	10	-26.08	-0.03118	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	20	-28.28	-0.03381	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	30	-28.8	-0.03443	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	40	-30.58	-0.03656	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	50	-32.24	-0.03854	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	60	-32.59	-0.03896	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	-20	-7.67	-0.00904	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	-10	-10.8	-0.01273	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	0	-11.89	-0.01402	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	10	-12.55	-0.01479	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	20	-15.02	-0.01771	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	30	-13.78	-0.01624	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	40	-16.34	-0.01926	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	50	-16.61	-0.01958	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	60	-17.74	-0.02091	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	-20	-11.89	-0.01442	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	-10	-10.8	-0.0131	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	0	-7.57	-0.00918	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	10	3.63	0.004402	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	20	-7.48	-0.00907	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	30	5.85	0.007093	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	40	4.02	0.004874	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	50	5.19	0.006293	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	60	3.38	0.004098	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	-20	-22.19	-0.02653	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	-10	-21.83	-0.0261	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	0	-18.45	-0.02206	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	10	-13.78	-0.01647	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	20	-11.29	-0.0135	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	30	-11.87	-0.01419	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	40	-9.53	-0.01139	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	50	-7.58	-0.00906	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	60	-6.17	-0.00738	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	-20	-3.26	-0.00384	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	-10	6.51	0.007674	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	0	9.54	0.011246	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	10	11.24	0.01325	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	20	14.43	0.01701	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	30	15.59	0.018378	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	40	18.08	0.021313	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	50	19.91	0.02347	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	60	20.16	0.023765	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	-20	-24.09	-0.02918	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	-10	-27.87	-0.03376	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	0	-29.3	-0.03549	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	10	-31.03	-0.03759	±2.5	PASS

## Total Quality. Assured.

Band5	3MHz	QPSK	20415	15RB#0	NV	20	-30.47	-0.03691	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	30	-30.33	-0.03674	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	40	-32.97	-0.03994	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	50	-33.87	-0.04103	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	60	-33.99	-0.04118	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-20	-23.78	-0.02843	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-10	-29.34	-0.03508	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	0	-34.9	-0.04172	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	10	-39.34	-0.04703	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	20	-41.03	-0.04905	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	30	-44.76	-0.05351	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	40	-46.15	-0.05517	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	50	-47.58	-0.05688	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	60	-48.62	-0.05812	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	-20	-8.58	-0.01012	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	-10	-11.87	-0.01401	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	0	-15.09	-0.01781	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	10	-18.31	-0.02161	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	20	-17.41	-0.02054	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	30	-18.21	-0.02149	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	40	-19.97	-0.02356	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	50	-20.99	-0.02477	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	60	-20.93	-0.0247	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	-20	-14.19	-0.01719	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	-10	-10.46	-0.01267	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	0	-7.25	-0.00878	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	10	4.52	0.005475	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	20	7.21	0.008734	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	30	8.23	0.00997	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	40	11.12	0.013471	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	50	12.92	0.015651	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	60	13.72	0.01662	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	-20	15.08	0.018027	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	-10	18.42	0.02202	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	0	20.79	0.024854	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	10	23.07	0.027579	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	20	25.71	0.030735	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	30	26.29	0.031429	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	40	30.18	0.036079	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	50	30.06	0.035935	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	60	30.31	0.036234	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	-20	4.86	0.005735	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	-10	9.23	0.010891	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	0	9.67	0.01141	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	10	14.49	0.017097	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	20	15.72	0.018549	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	30	17.62	0.020791	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	40	19.67	0.023209	±2.5	PASS

## Total Quality. Assured.

Band5	3MHz	16QAM	20635	15RB#0	NV	50	20.16	0.023788	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	60	22.63	0.026702	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	-20	-17.02	-0.02059	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	-10	-19.67	-0.0238	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	0	-22.8	-0.02759	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	10	-22.27	-0.02695	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	20	-25.16	-0.03044	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	30	-24.29	-0.02939	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	40	-26.46	-0.03202	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	50	-28.37	-0.03433	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	60	-28.02	-0.0339	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	-20	-29.81	-0.03564	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	-10	-35.23	-0.04212	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	0	-39.85	-0.04764	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	10	-42.61	-0.05094	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	20	-47.39	-0.05665	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	30	-49.78	-0.05951	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	40	4.39	0.005248	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	50	-4.48	-0.00536	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	60	-6.55	-0.00783	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	-20	6.35	0.007501	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	-10	4.75	0.005611	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	0	4.28	0.005056	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	10	-4.62	-0.00546	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	20	4.41	0.00521	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	30	-4.19	-0.00495	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	40	-5.01	-0.00592	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	50	-6.34	-0.00749	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	60	-7.44	-0.00879	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	-20	10	0.012099	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	-10	14.26	0.017253	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	0	18.64	0.022553	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	10	23.26	0.028143	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	20	27.18	0.032886	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	30	28.38	0.034338	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	40	32.23	0.038996	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	50	33.73	0.040811	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	60	34.16	0.041331	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	-20	13.4	0.016019	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	-10	16.64	0.019892	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	0	18.42	0.02202	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	10	17.74	0.021207	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	20	20.1	0.024029	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	30	20.64	0.024674	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	40	22.16	0.026491	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	50	22.47	0.026862	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	60	25.09	0.029994	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	-20	15.78	0.018641	±2.5	PASS



## Total Quality. Assured.

Band5	5MHz	16QAM	20625	25RB#0	NV	-10	19.17	0.022646	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	0	22.42	0.026486	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	10	23.17	0.027372	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	20	24.82	0.029321	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	30	27.77	0.032806	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	40	30.03	0.035475	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	50	31.4	0.037094	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	60	32.07	0.037885	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-20	-12.73	-0.01536	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-10	-14.48	-0.01747	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	0	-15.84	-0.01911	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	10	-17.67	-0.02132	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	20	-18.61	-0.02245	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	30	-19.38	-0.02338	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	40	-19.3	-0.02328	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	50	-20.1	-0.02425	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	60	-20.83	-0.02513	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-20	-41.99	-0.0502	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-10	-45.99	-0.05498	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	0	6.41	0.007663	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	10	-3.99	-0.00477	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	20	-6.97	-0.00833	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	30	-12.36	-0.01478	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	40	-14.41	-0.01723	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	50	-17.6	-0.02104	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	60	-19.38	-0.02317	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-20	-24.83	-0.02942	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-10	-28	-0.03318	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	0	-30.3	-0.0359	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	10	-32.23	-0.03819	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	20	-32.62	-0.03865	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	30	-35.41	-0.04196	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	40	-37.35	-0.04425	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	50	-36.65	-0.04342	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	60	-38.47	-0.04558	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-20	15.39	0.018565	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-10	18.11	0.021846	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	0	21.84	0.026345	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	10	25.36	0.030591	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	20	28.97	0.034946	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	30	30.77	0.037117	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	40	33.86	0.040844	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	50	37.45	0.045175	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	60	37.31	0.045006	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-20	11.1	0.01327	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-10	11.87	0.01419	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	0	14.22	0.016999	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	10	17.98	0.021494	±2.5	PASS



## Total Quality. Assured.

Band5	10MHz	16QAM	20525	50RB#0	NV	20	18.74	0.022403	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	30	19.76	0.023622	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	40	23.73	0.028368	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	50	22.32	0.026683	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	60	25.13	0.030042	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-20	-9.53	-0.01129	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-10	-3.89	-0.00461	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	0	4.78	0.005664	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	10	8.53	0.010107	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	20	10.49	0.012429	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	30	11.26	0.013341	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	40	14.49	0.017168	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	50	16.21	0.019206	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	60	18.3	0.021682	±2.5	PASS

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