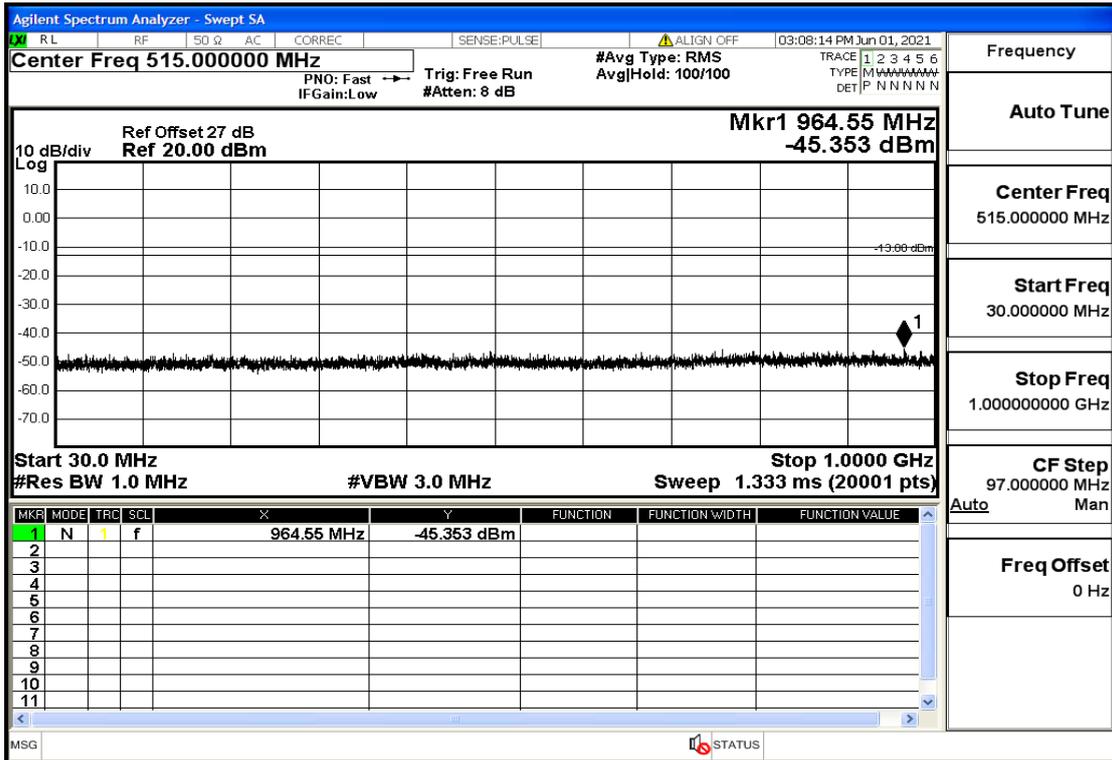OB4-20-1732.5-QPSK-100#LOW@30mHz-1GHz@Pass

Agilent Spectrum Analyzer - Swept SA		
R L RF 50 Ω AC CORREC SENSE:PULSE ⚠ ALIGN OFF 03:08:14 PM Jun 01, 2021		Frequency
Center Freq 515.000000 MHz	#Avg Type: RMS TRACE 1 2 3 4 5 6	
PNO: Fast →•→ Trig: Free Run IFGain:Low #Atten: 8 dB	Avg|Hold: 100/100 TYPE M W W W W W W DET P N N N N N	Auto Tune

Ref Offset 27 dB
10 dB/div   Ref 20.00 dBm
Log

Mkr1 964.55 MHz
-45.353 dBm

Center Freq 515.000000 MHz

Start Freq 30.000000 MHz

Stop Freq 1.000000000 GHz

Start 30.0 MHz   Stop 1.0000 GHz
#Res BW 1.0 MHz   #VBW 3.0 MHz   Sweep 1.333 ms (20001 pts)

CF Step 97.000000 MHz
Auto   Man

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	964.55 MHz	-45.353 dBm			

Freq Offset 0 Hz

MSG   🔊 STATUS

OB4-20-1732.5-QPSK-100#LOW@1GHz-7GHz@Pass

Agilent Spectrum Analyzer - Swept SA		
R L RF 50 Ω AC CORREC SENSE:PULSE ⚠ ALIGN OFF 03:08:28 PM Jun 01, 2021		Frequency
Center Freq 4.000000000 GHz	#Avg Type: RMS TRACE 1 2 3 4 5 6	
PNO: Fast →•→ Trig: Free Run IFGain:Low #Atten: 24 dB	Avg|Hold: 100/100 TYPE M W W W W W W DET P N N N N N	Auto Tune

Ref Offset 27 dB
10 dB/div   Ref 35.00 dBm
Log

Mkr1 3.149 5 GHz
-24.931 dBm

Center Freq 4.000000000 GHz

Start Freq 1.000000000 GHz

Stop Freq 7.000000000 GHz

Start 1.000 GHz   Stop 7.000 GHz
#Res BW 1.0 MHz   #VBW 3.0 MHz   Sweep 10.67 ms (20001 pts)

CF Step 600.000000 MHz
Auto   Man

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	3.149 5 GHz	-24.931 dBm			

Freq Offset 0 Hz

MSG   🔊 STATUS

OB4-20-1732.5-QPSK-100#LOW@7GHz-13.6GHz@Pass
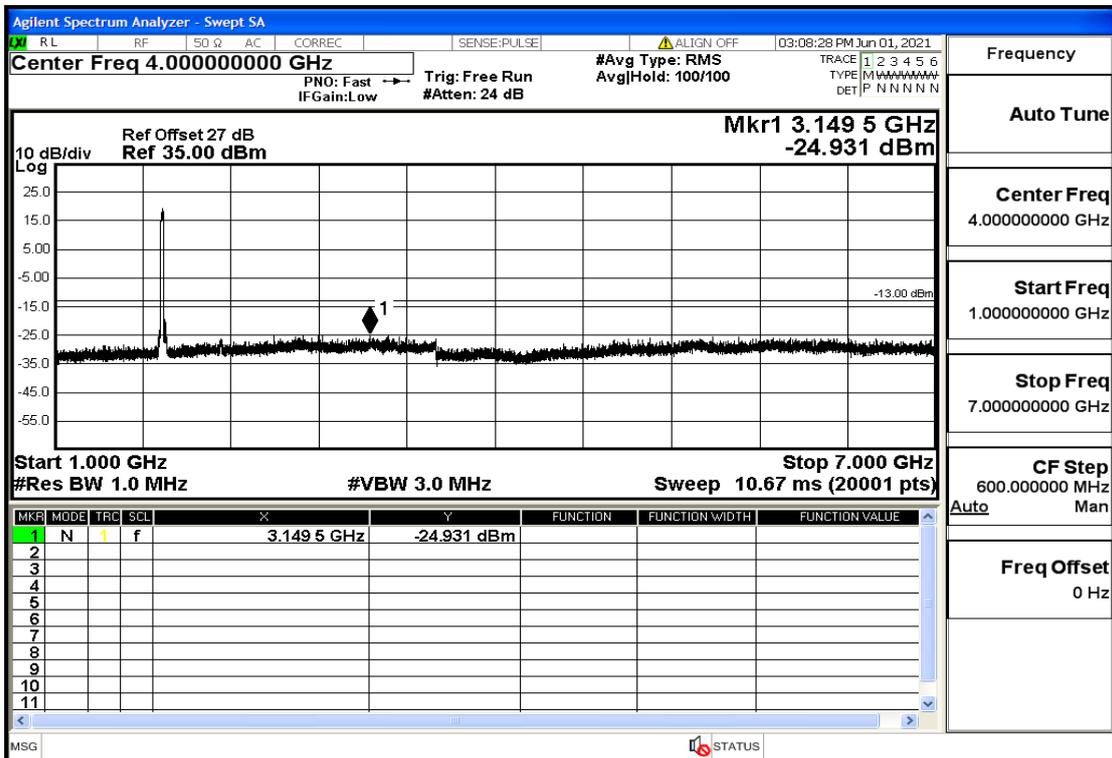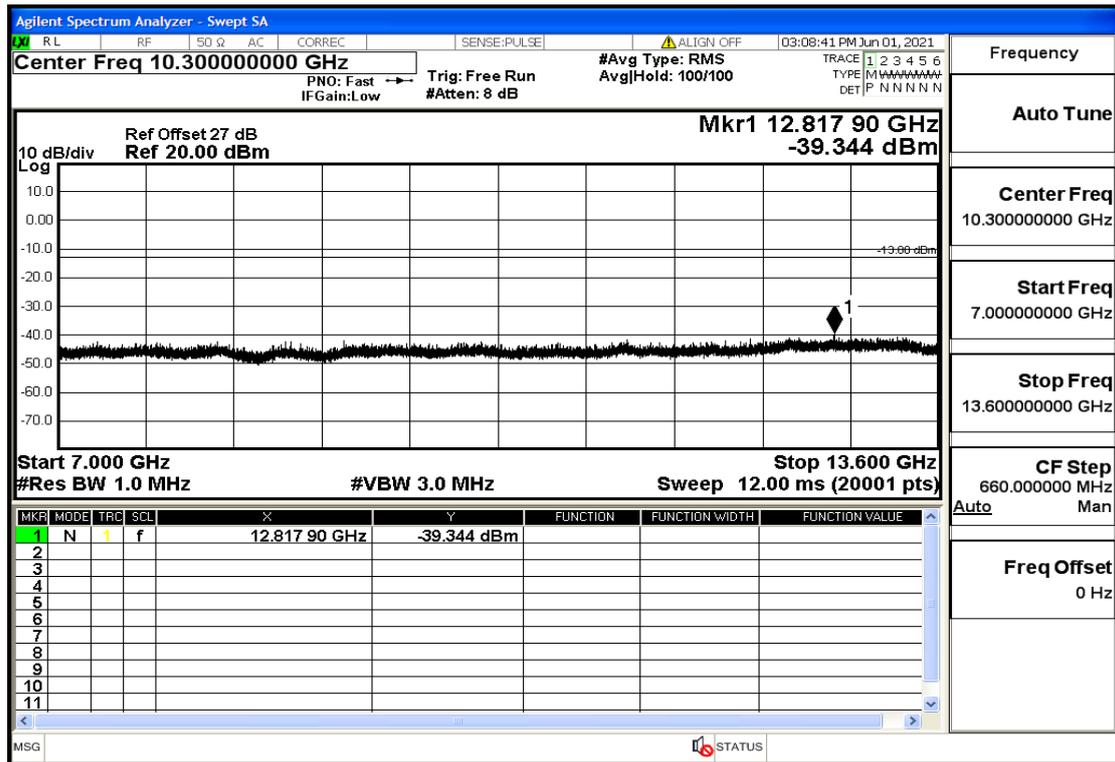

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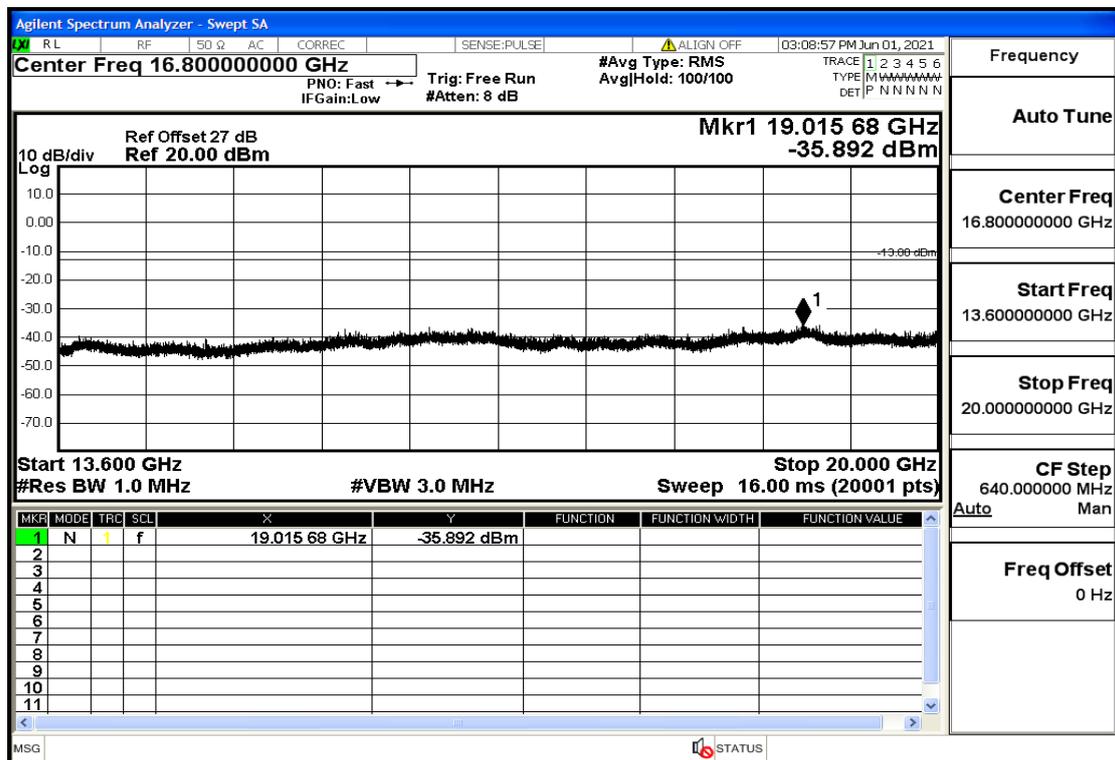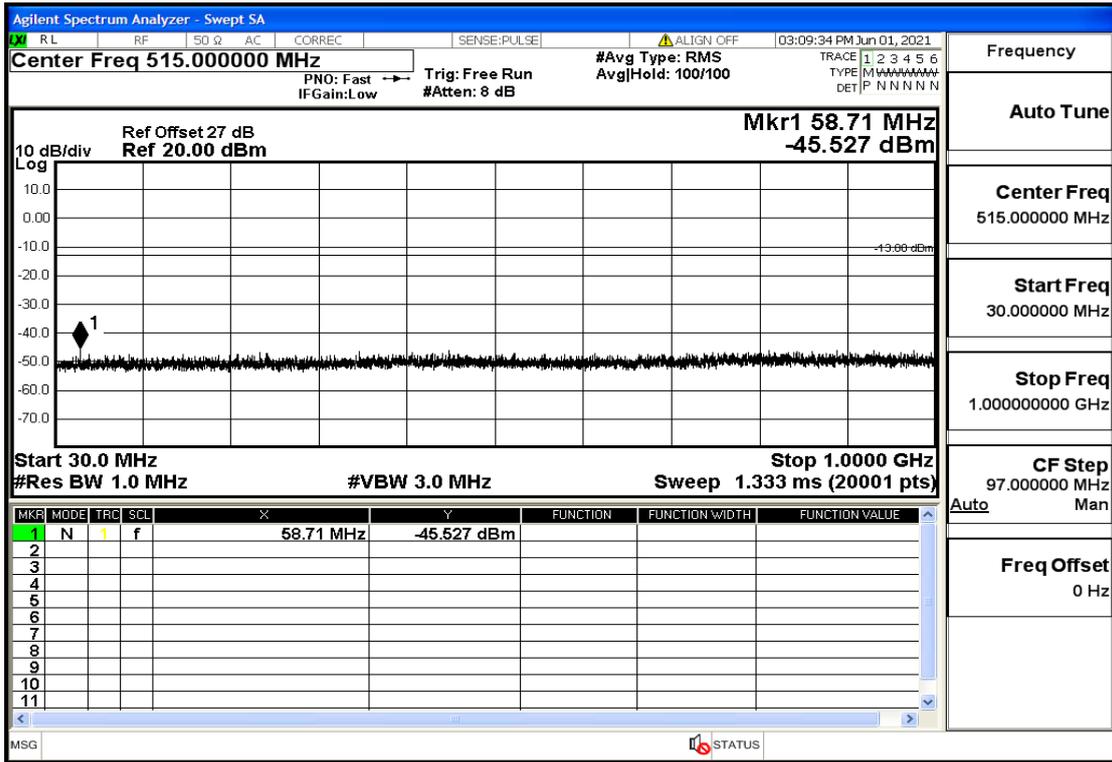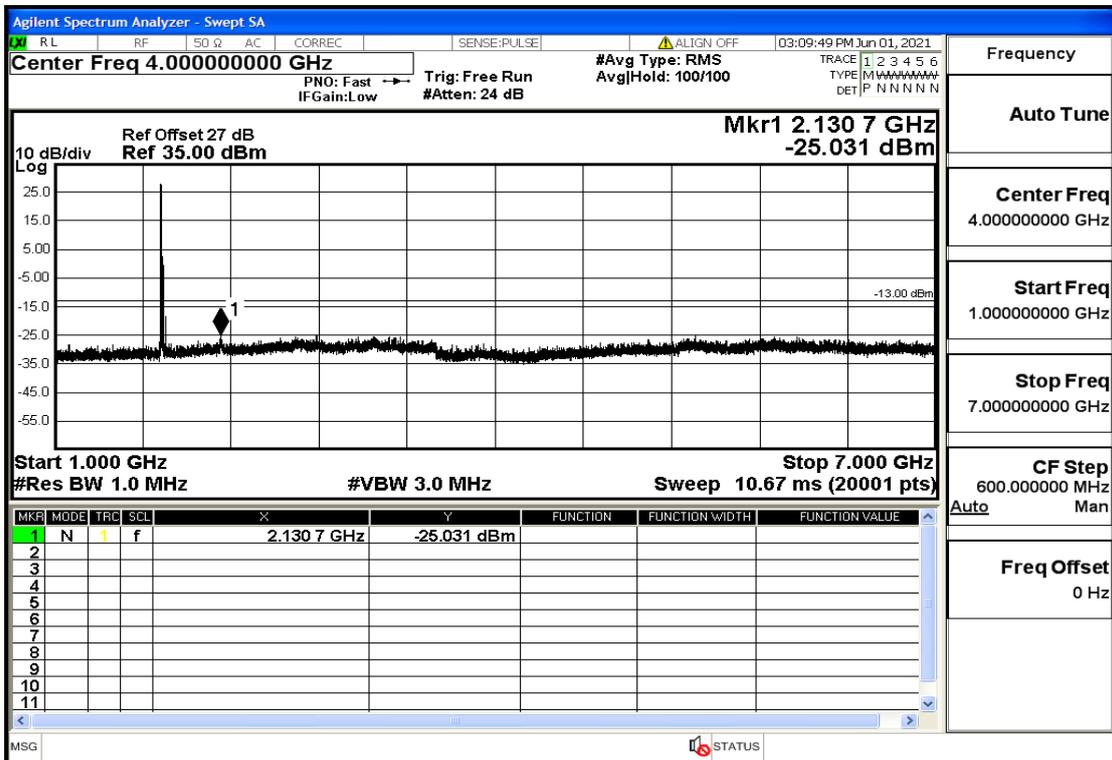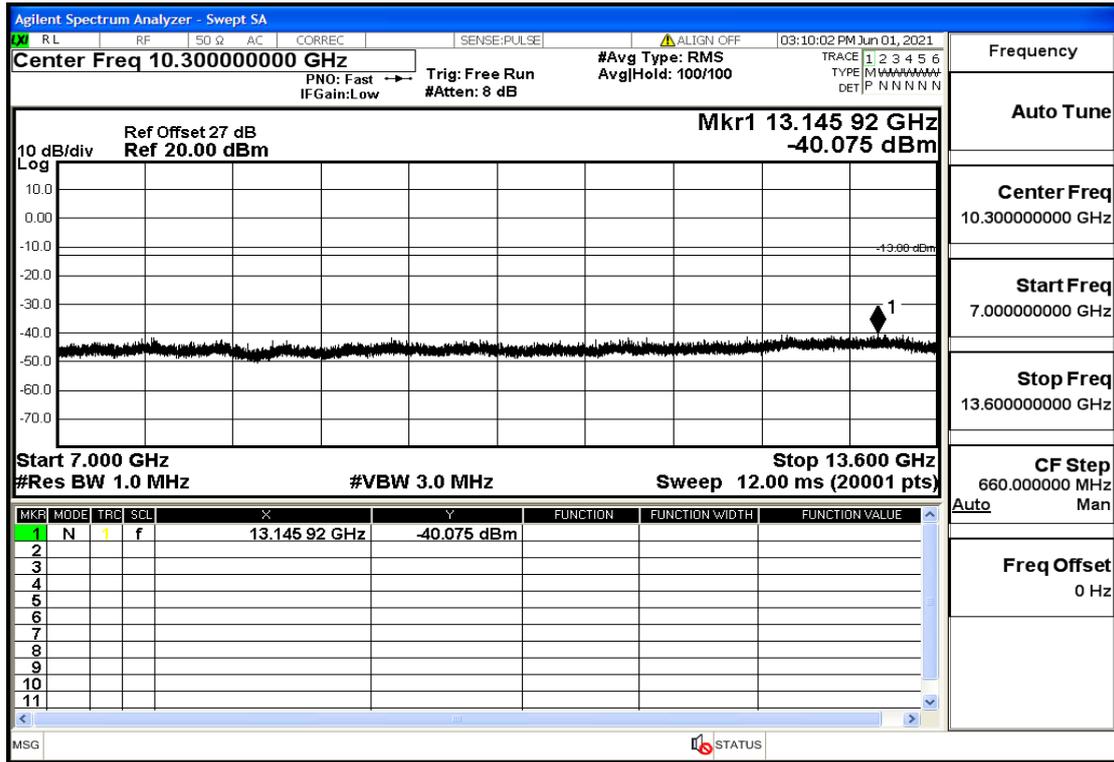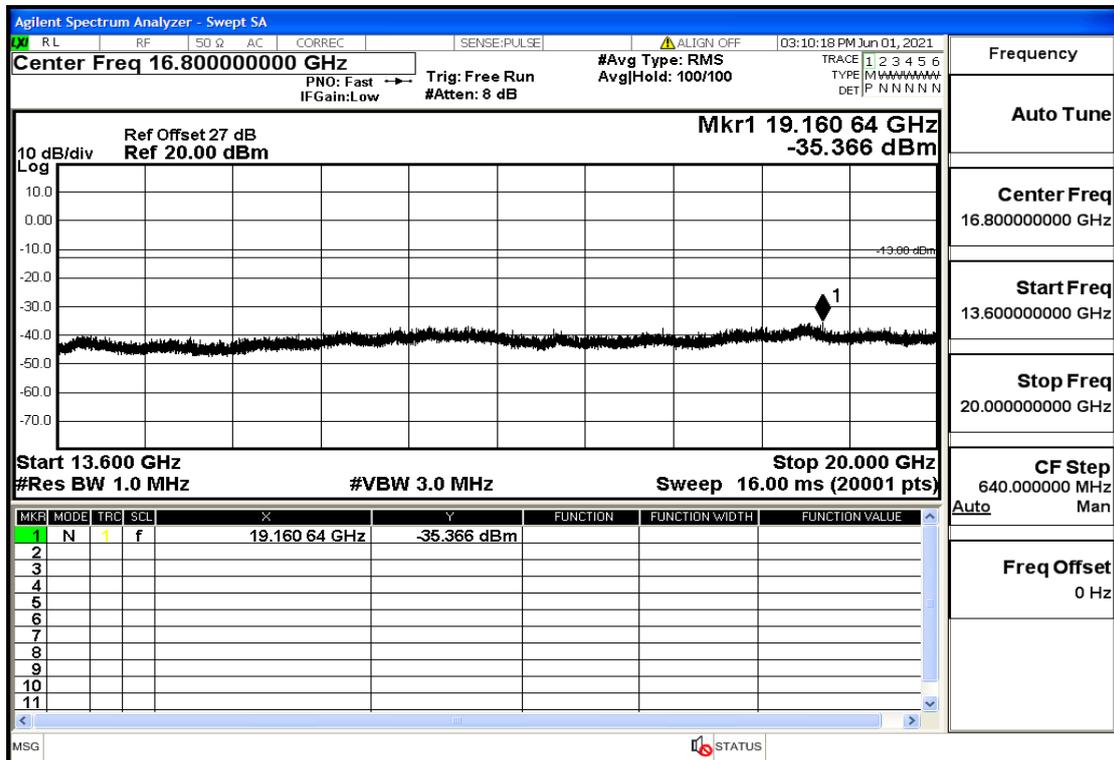
OB4-20-1732.5-QPSK-1#LOW@30mHz-1GHz@Pass

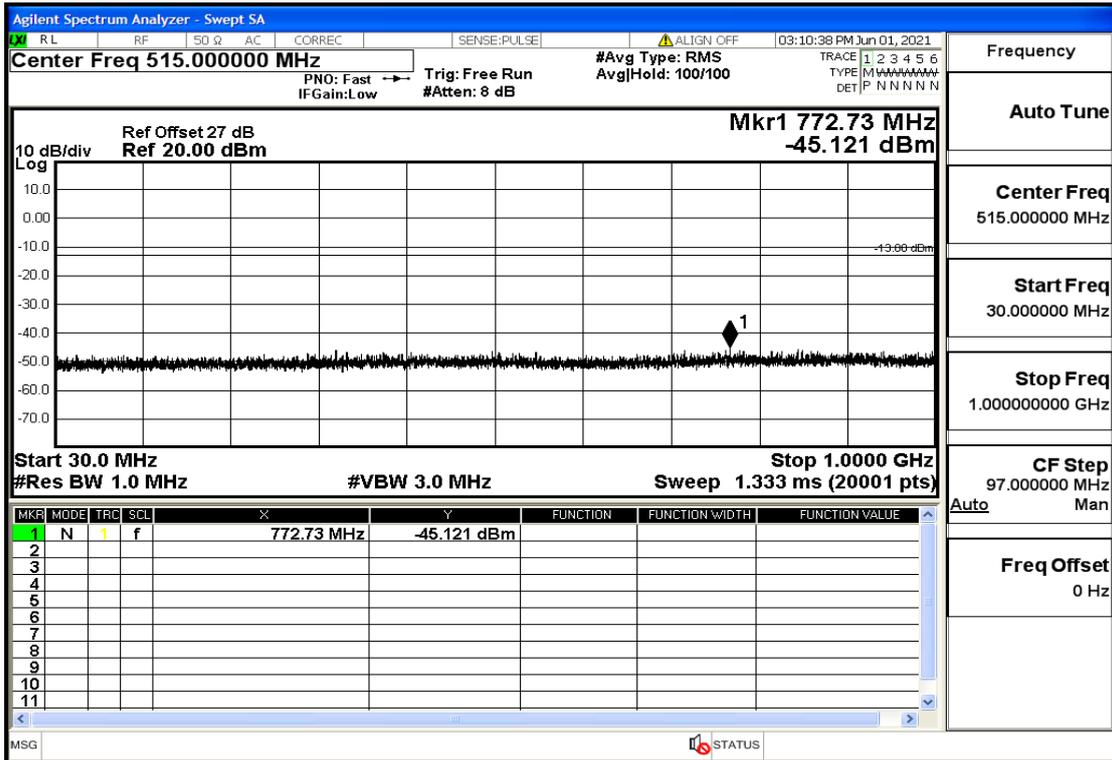OB4-20-1732.5-QPSK-1#LOW@1GHz-7GHz@Pass
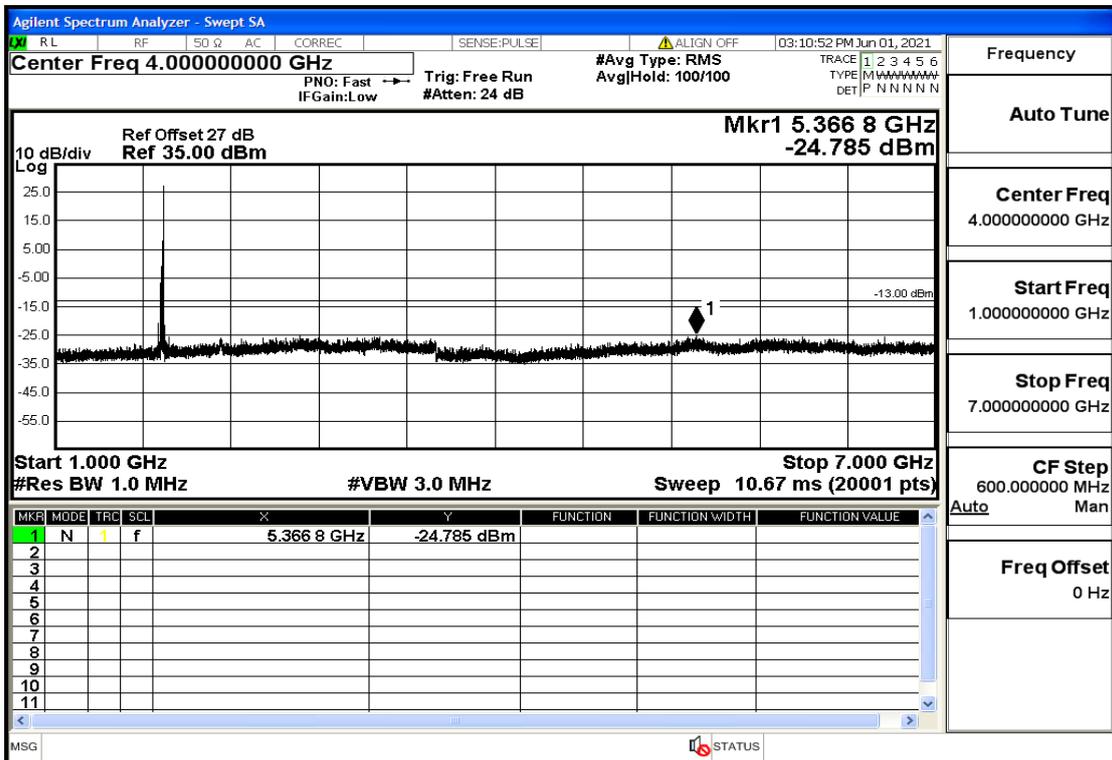
OB4-20-1732.5-QPSK-1#LOW@7GHz-13.6GHz@Pass

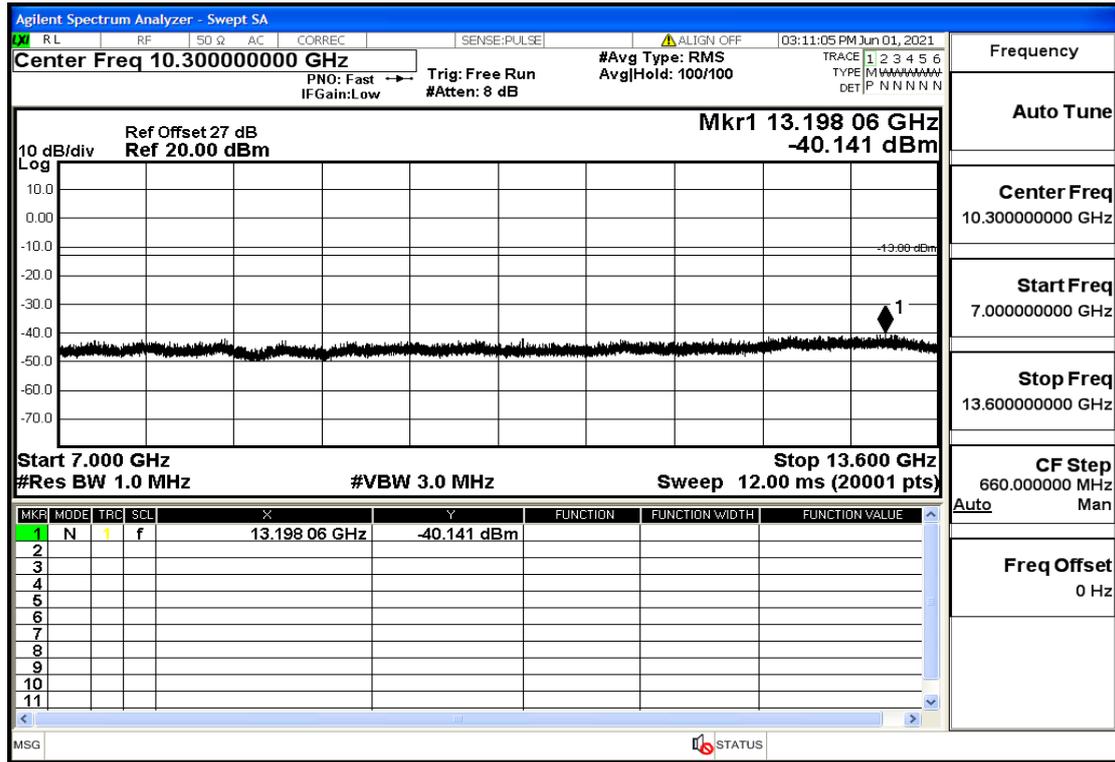OB4-20-1732.5-QPSK-1#LOW@13.6GHz-20GHz@Pass

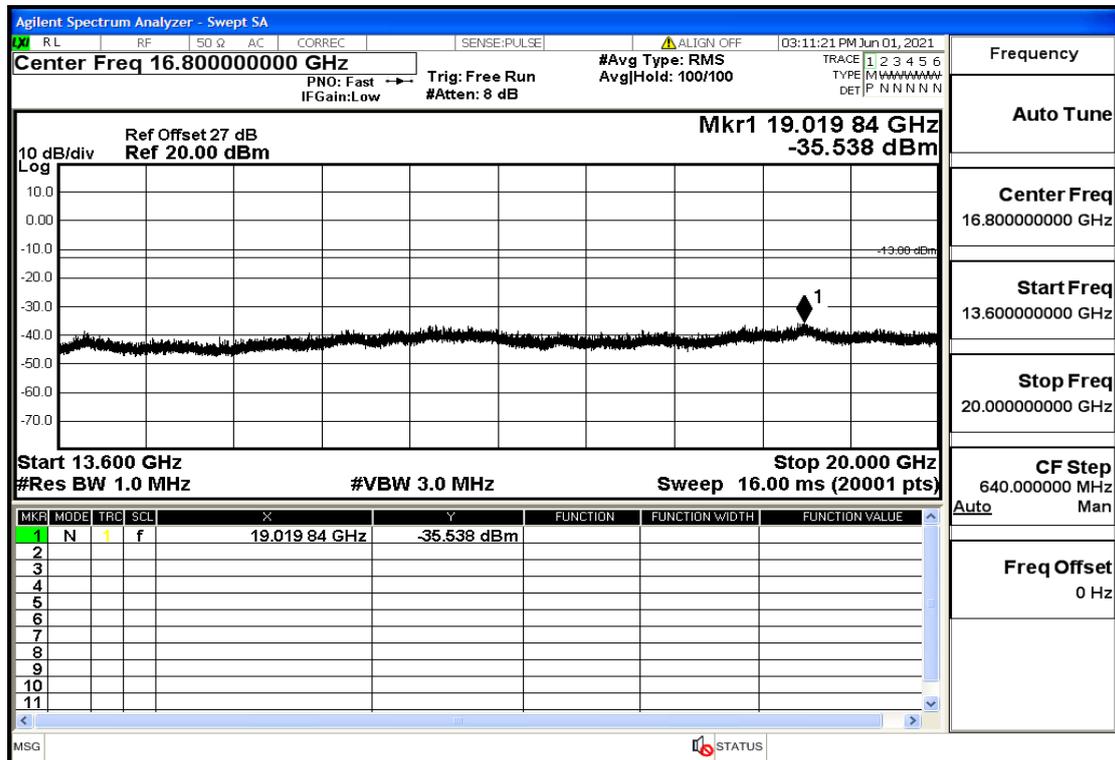OB4-20-1732.5-QPSK-1#HIGH@30mHz-1GHz@Pass

OB4-20-1732.5-QPSK-1#HIGH@1GHz-7GHz@Pass

OB4-20-1732.5-QPSK-1#HIGH@7GHz-13.6GHz@Pass

OB4-20-1732.5-QPSK-1#HIGH@13.6GHz-20GHz@Pass

OB4-20-1745-QPSK-100#LOW@30mHz-1GHz@Pass

OB4-20-1745-QPSK-100#LOW@1GHz-7GHz@Pass

OB4-20-1745-QPSK-100#LOW@7GHz-13.6GHz@Pass

OB4-20-1745-QPSK-100#LOW@13.6GHz-20GHz@Pass

OB4-20-1745-QPSK-1#LOW@30mHz-1GHz@Pass

OB4-20-1745-QPSK-1#LOW@1GHz-7GHz@Pass
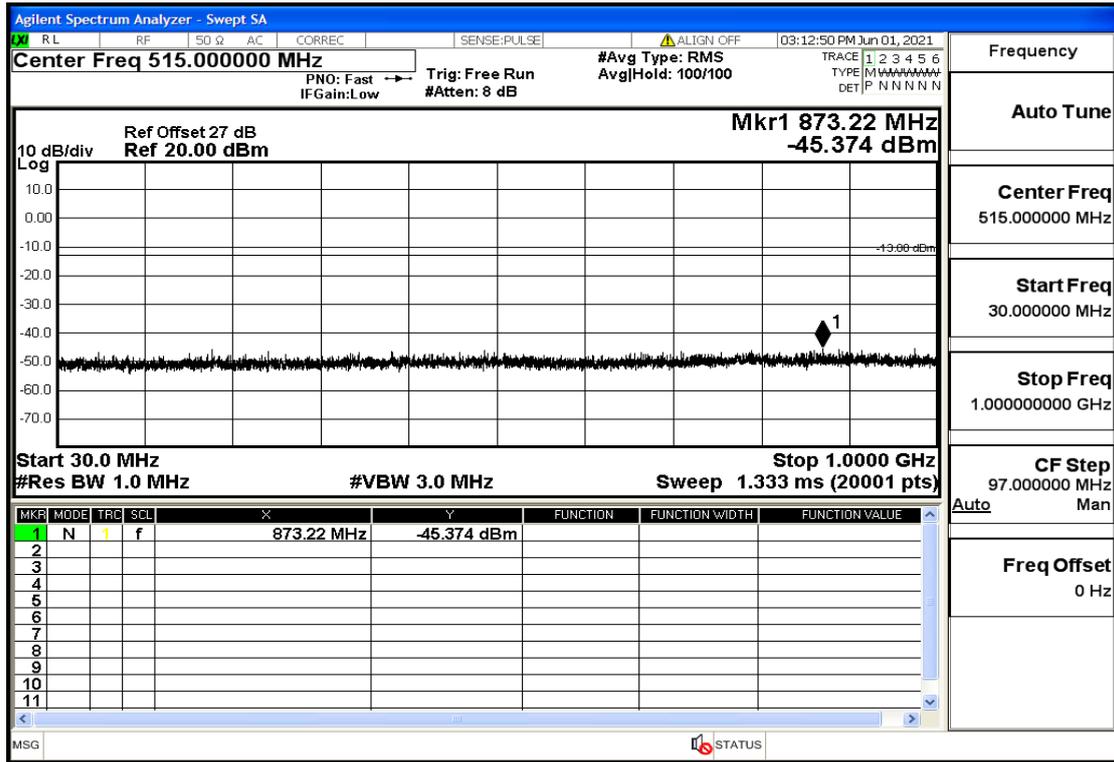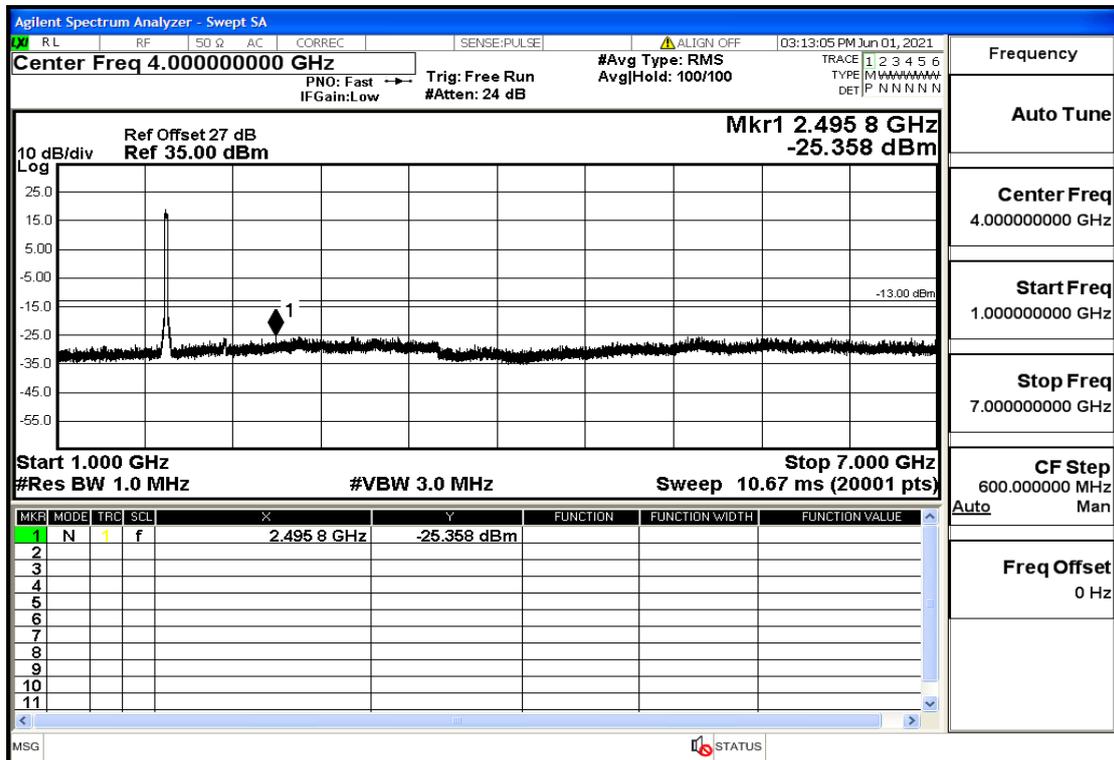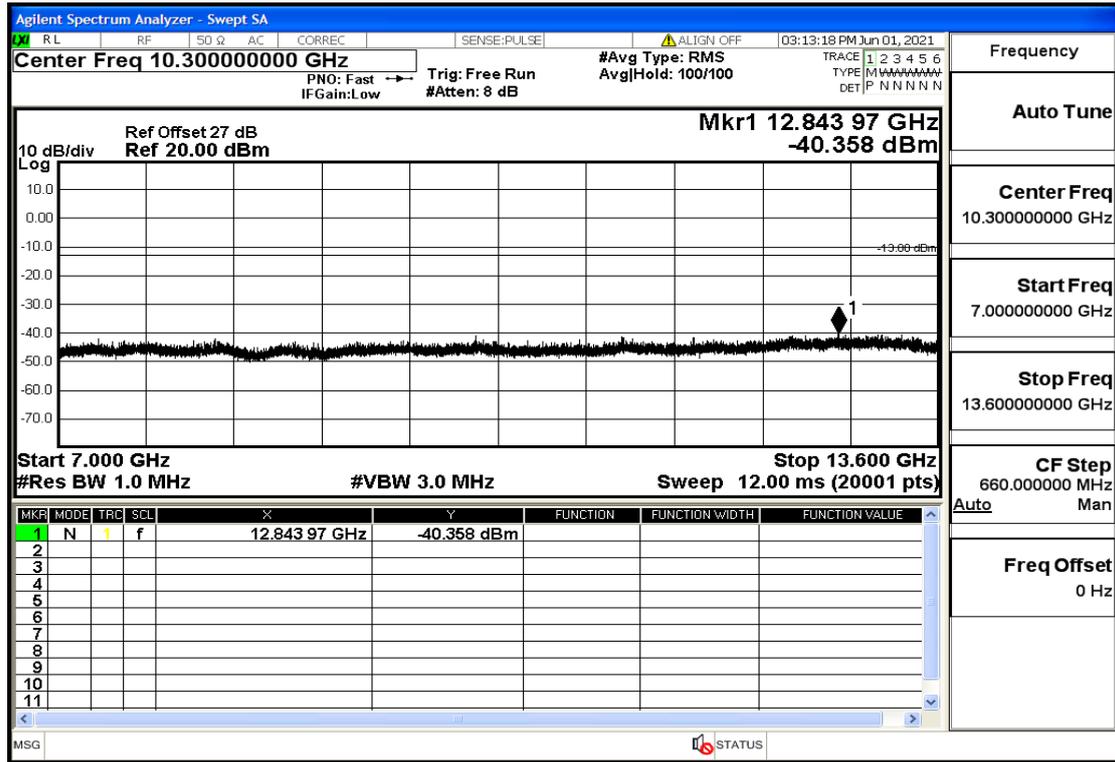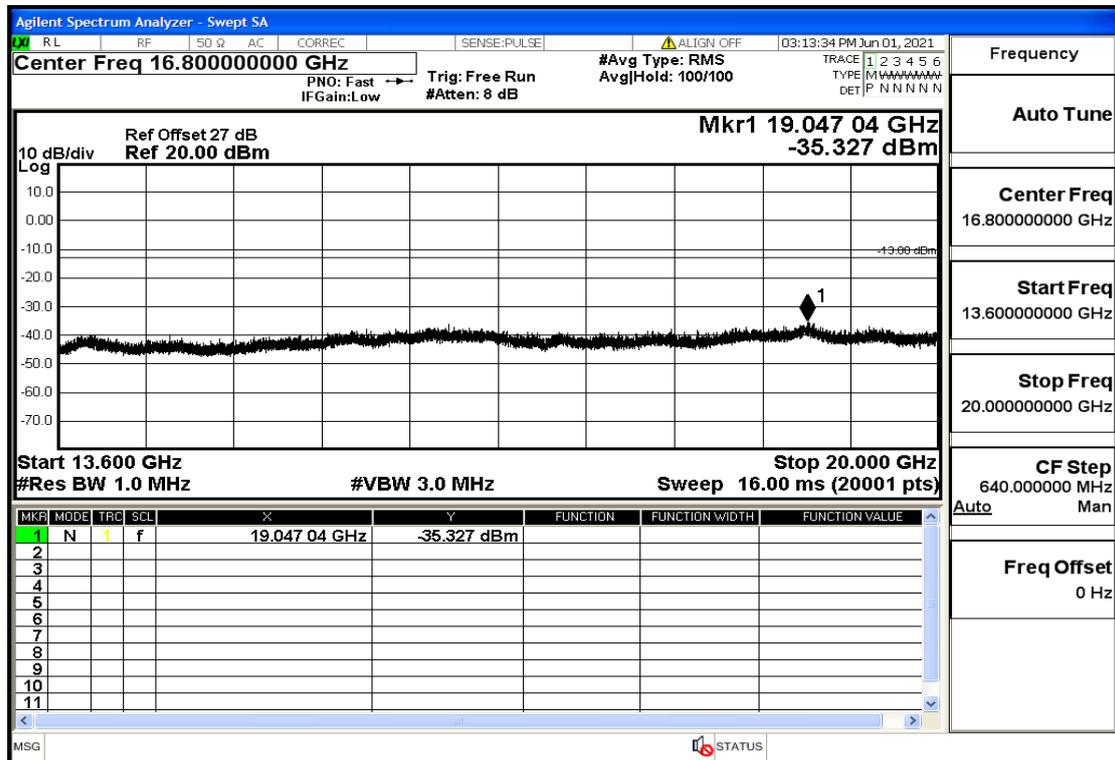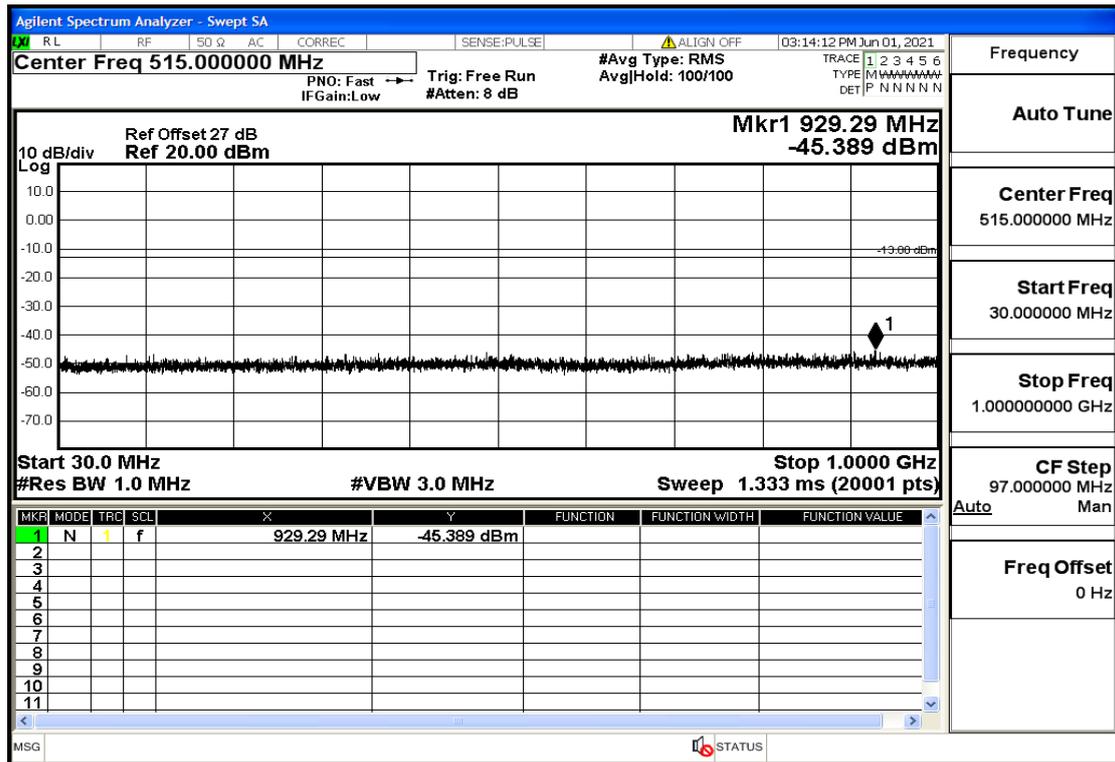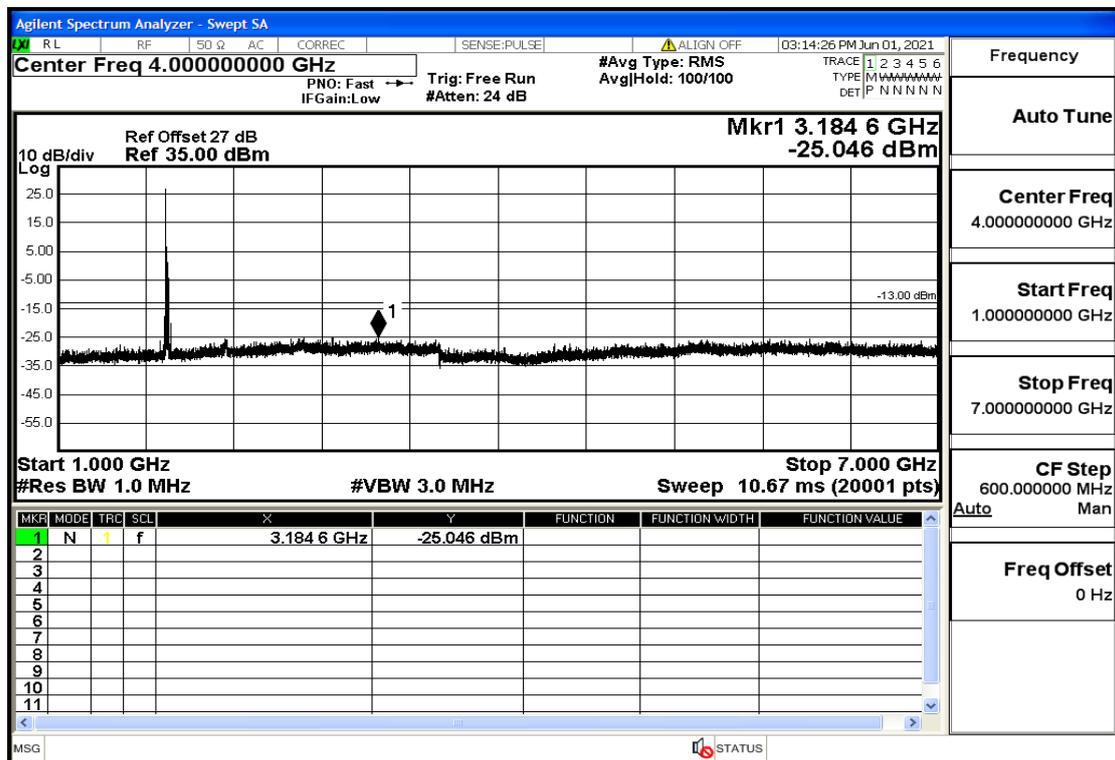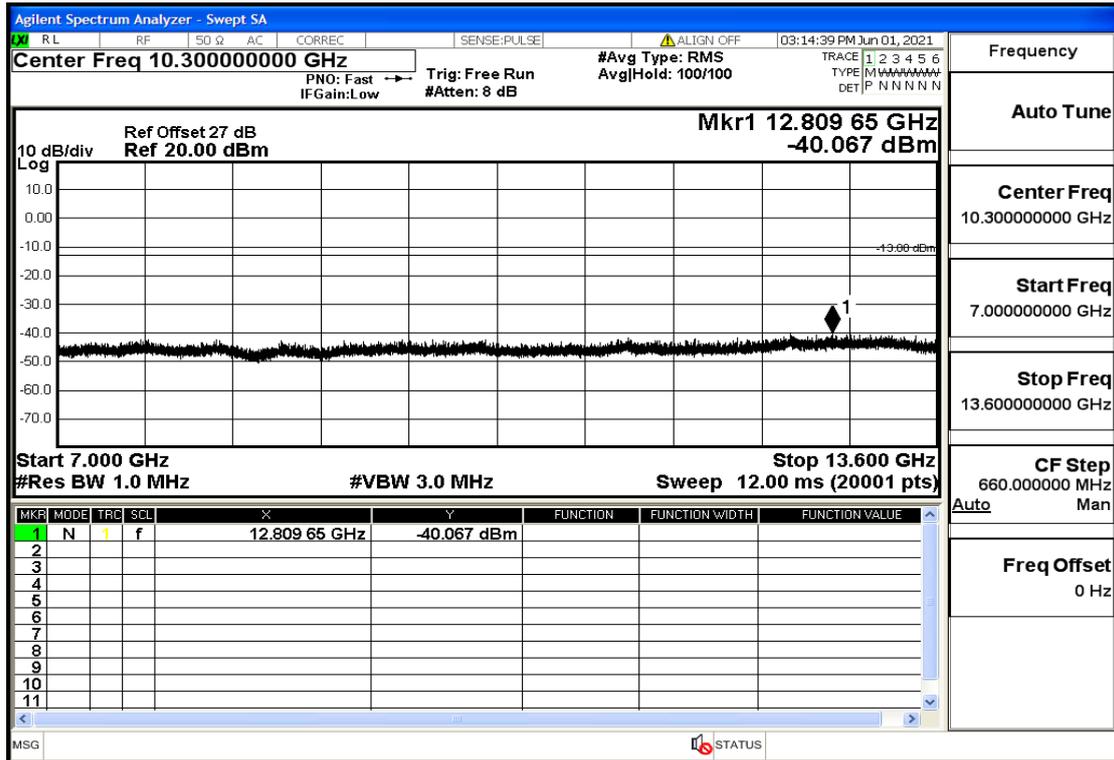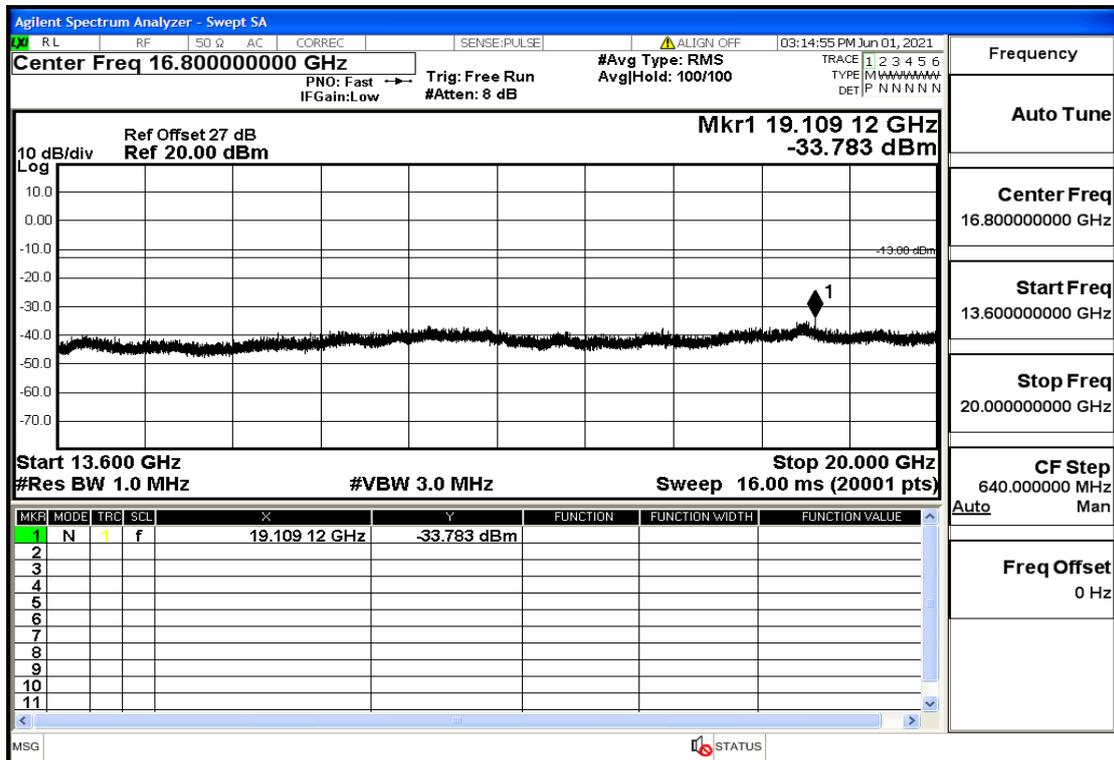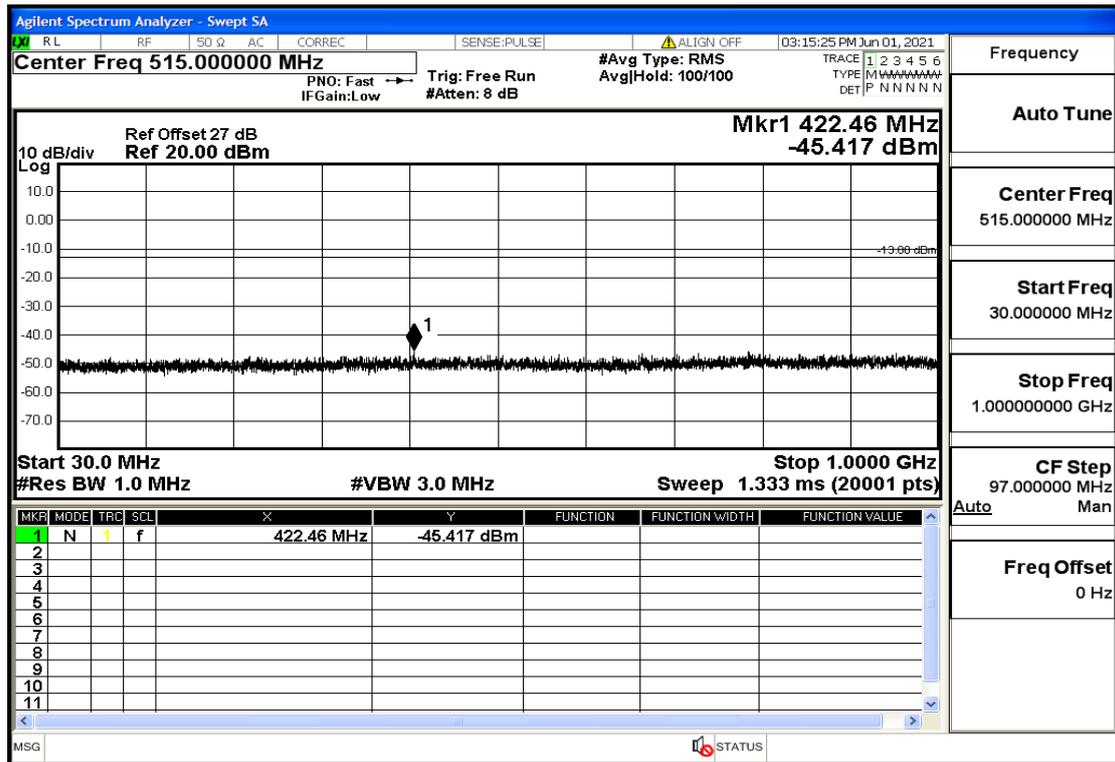
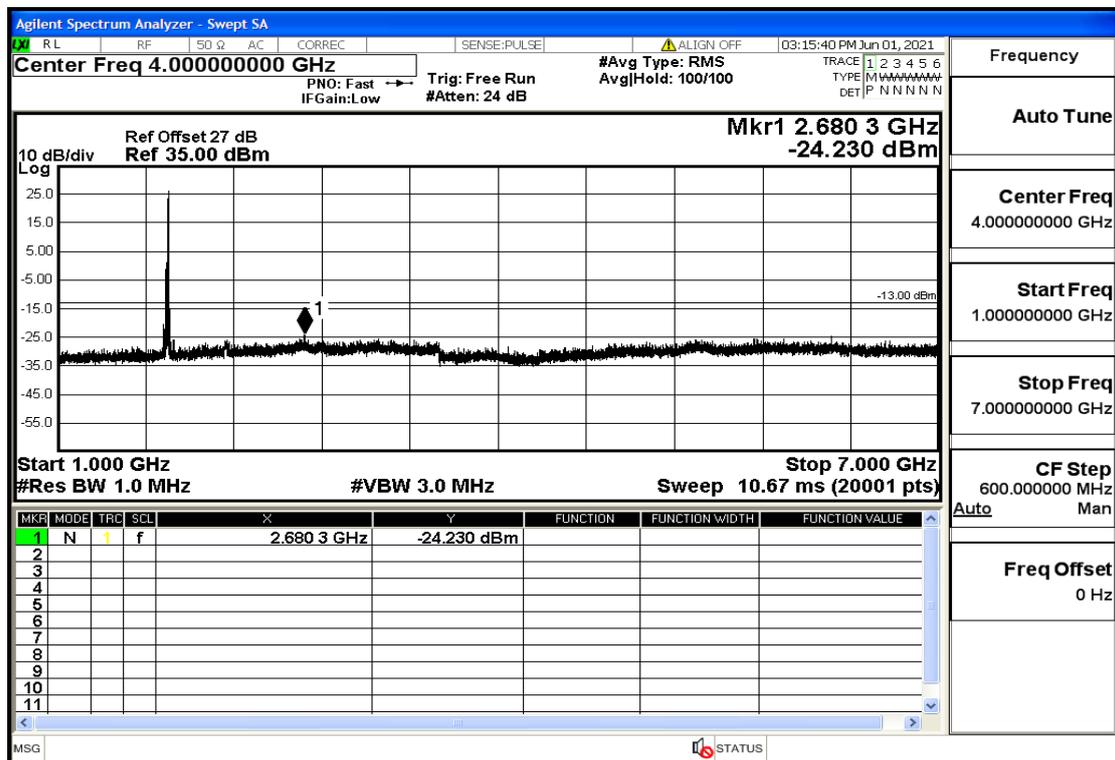OB4-20-1745-QPSK-1#LOW@7GHz-13.6GHz@Pass
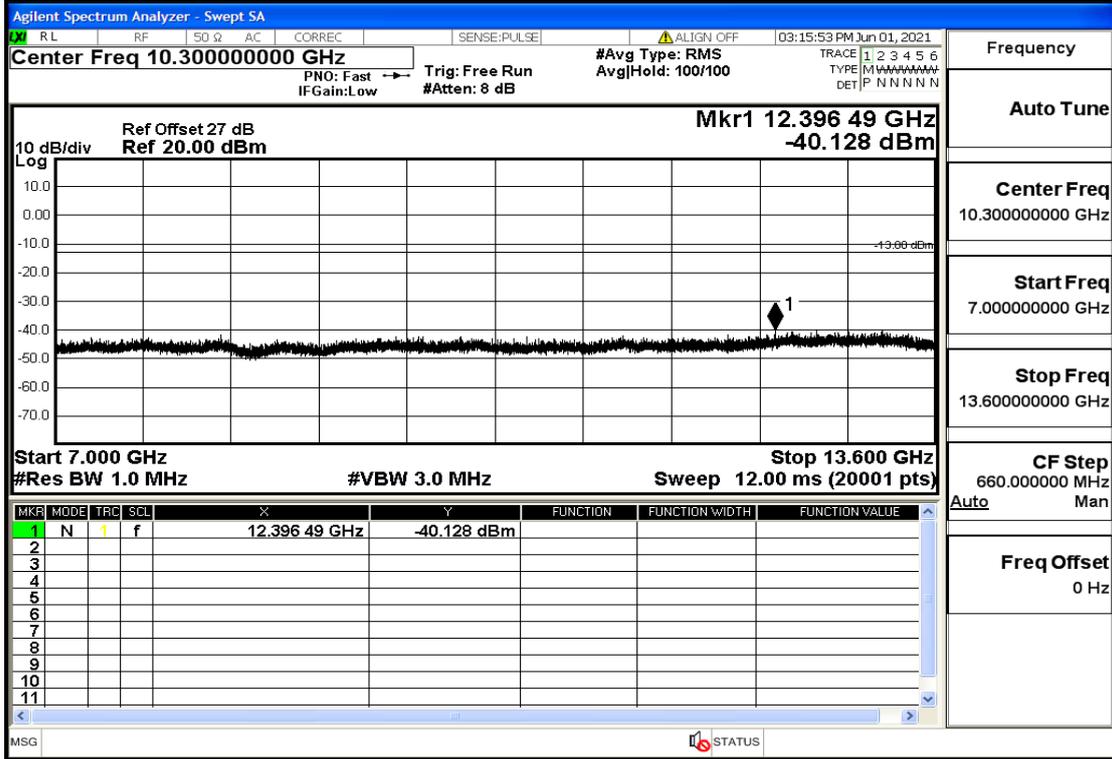

OB4-20-1745-QPSK-1#LOW@13.6GHz-20GHz@Pass

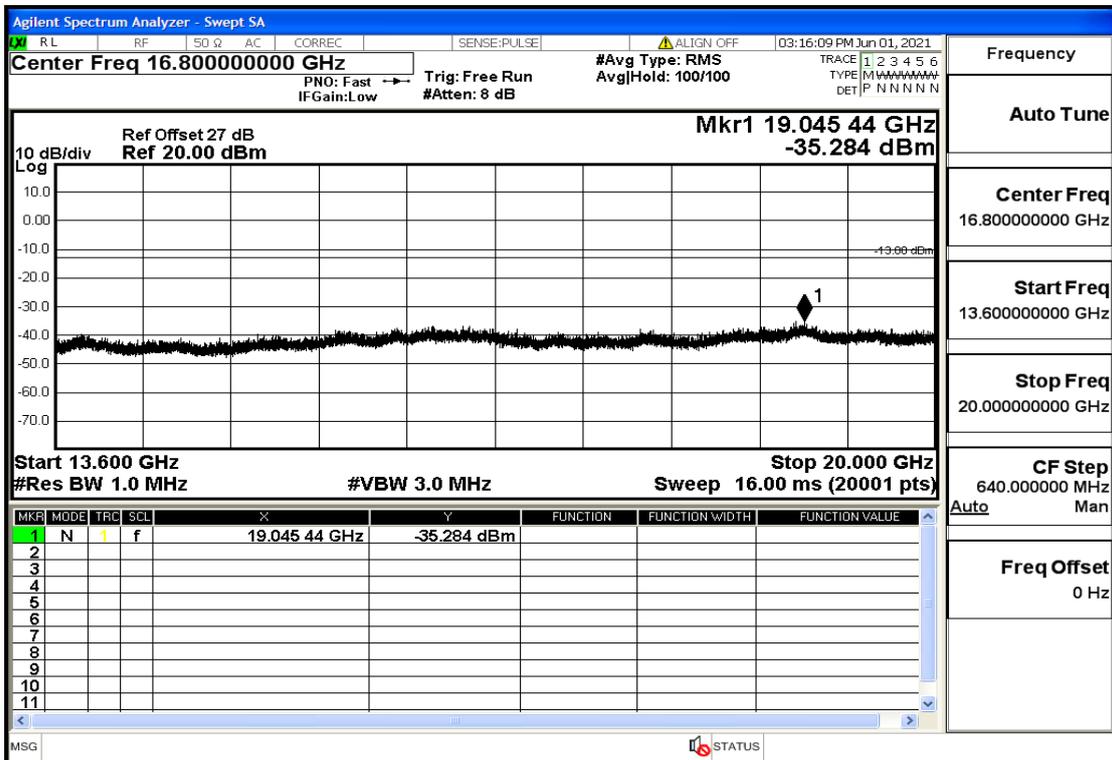OB4-20-1745-QPSK-1#HIGH@30mHz-1GHz@Pass

OB4-20-1745-QPSK-1#HIGH@1GHz-7GHz@Pass

OB4-20-1745-QPSK-1#HIGH@7GHz-13.6GHz@Pass

OB4-20-1745-QPSK-1#HIGH@13.6GHz-20GHz@Pass

Emission bandwidth and OBW

Band	Bandwidth(MHz)	UL Frequency(MHz)	Modulation	RB Size	RB Offset	Occupied Bandwidth(KHz)	Emission Bandwidth(KHz)	Limit
Band2	1.4	1850.7	QPSK	6	LOW	1122.6	1298	No limit
Band2	1.4	1850.7	16QAM	6	LOW	1133.8	1312	No limit
Band2	1.4	1880	QPSK	6	LOW	1118.7	1292	No limit
Band2	1.4	1880	16QAM	6	LOW	1117.0	1291	No limit
Band2	1.4	1909.3	QPSK	6	LOW	1125.6	1297	No limit
Band2	1.4	1909.3	16QAM	6	LOW	1124.3	1293	No limit
Band2	3	1851.5	QPSK	15	LOW	2767.1	3101	No limit
Band2	3	1851.5	16QAM	15	LOW	2756.0	3122	No limit
Band2	3	1880	QPSK	15	LOW	2765.8	3115	No limit
Band2	3	1880	16QAM	15	LOW	2761.0	3125	No limit
Band2	3	1908.5	QPSK	15	LOW	2763.6	3086	No limit
Band2	3	1908.5	16QAM	15	LOW	2753.9	3116	No limit
Band2	5	1852.5	QPSK	25	LOW	4590.8	5090	No limit
Band2	5	1852.5	16QAM	25	LOW	4569.0	5086	No limit
Band2	5	1880	QPSK	25	LOW	4560.3	5090	No limit
Band2	5	1880	16QAM	25	LOW	4604.0	5130	No limit
Band2	5	1907.5	QPSK	25	LOW	4575.5	5057	No limit
Band2	5	1907.5	16QAM	25	LOW	4574.4	5113	No limit
Band2	10	1855	QPSK	50	LOW	9091.9	10030	No limit
Band2	10	1855	16QAM	50	LOW	9119.3	10140	No limit
Band2	10	1880	QPSK	50	LOW	9100.2	10170	No limit
Band2	10	1880	16QAM	50	LOW	9109.6	10180	No limit
Band2	10	1905	QPSK	50	LOW	9108.0	10130	No limit
Band2	10	1905	16QAM	50	LOW	9121.5	10020	No limit
Band2	15	1857.5	QPSK	75	LOW	13694	15320	No limit
Band2	15	1857.5	16QAM	75	LOW	13663	15210	No limit
Band2	15	1880	QPSK	75	LOW	13692	15200	No limit
Band2	15	1880	16QAM	75	LOW	13639	15400	No limit
Band2	15	1902.5	QPSK	75	LOW	13637	15260	No limit
Band2	15	1902.5	16QAM	75	LOW	13646	15170	No limit
Band2	20	1860	QPSK	100	LOW	18255	19890	No limit
Band2	20	1860	16QAM	100	LOW	15257	20140	No limit
Band2	20	1880	QPSK	100	LOW	18347	20060	No limit
Band2	20	1880	16QAM	100	LOW	18271	20100	No limit
Band2	20	1900	QPSK	100	LOW	18193	20330	No limit
Band2	20	1900	16QAM	100	LOW	18217	20140	No limit
Band4	1.4	1710.7	QPSK	6	LOW	1114.9	1295	No limit
Band4	1.4	1710.7	16QAM	6	LOW	1126.4	1303	No limit
Band4	1.4	1732.5	QPSK	6	LOW	1110.3	1295	No limit
Band4	1.4	1732.5	16QAM	6	LOW	1112.4	1289	No limit
Band4	1.4	1754.3	QPSK	6	LOW	1125.7	1296	No limit

Band4	1.4	1754.3	16QAM	6	LOW	1121.7	1305	No limit
Band4	3	1711.5	QPSK	15	LOW	2772.1	3114	No limit
Band4	3	1711.5	16QAM	15	LOW	2766.9	3117	No limit
Band4	3	1732.5	QPSK	15	LOW	2782.9	3076	No limit
Band4	3	1732.5	16QAM	15	LOW	2758.3	3107	No limit
Band4	3	1753.5	QPSK	15	LOW	2785.1	3112	No limit
Band4	3	1753.5	16QAM	15	LOW	2768.3	3151	No limit
Band4	5	1712.5	QPSK	25	LOW	4587.4	5105	No limit
Band4	5	1712.5	16QAM	25	LOW	4573.2	5091	No limit
Band4	5	1732.5	QPSK	25	LOW	4581.2	5094	No limit
Band4	5	1732.5	16QAM	25	LOW	4561.6	5092	No limit
Band4	5	1752.5	QPSK	25	LOW	4572.1	5086	No limit
Band4	5	1752.5	16QAM	25	LOW	4579.7	5092	No limit
Band4	10	1715	QPSK	50	LOW	9130.0	10060	No limit
Band4	10	1715	16QAM	50	LOW	9101.8	10040	No limit
Band4	10	1732.5	QPSK	50	LOW	9078.6	10100	No limit
Band4	10	1732.5	16QAM	50	LOW	9113.6	10010	No limit
Band4	10	1750	QPSK	50	LOW	9112.1	9950	No limit
Band4	10	1750	16QAM	50	LOW	9109.5	10110	No limit
Band4	15	1717.5	QPSK	75	LOW	1368.9	15260	No limit
Band4	15	1717.5	16QAM	75	LOW	13661	15370	No limit
Band4	15	1732.5	QPSK	75	LOW	13665	15180	No limit
Band4	15	1732.5	16QAM	75	LOW	13693	15190	No limit
Band4	15	1747.5	QPSK	75	LOW	13692	15230	No limit
Band4	15	1747.5	16QAM	75	LOW	13641	15310	No limit
Band4	20	1720	QPSK	100	LOW	18289	20110	No limit
Band4	20	1720	16QAM	100	LOW	18225	20180	No limit
Band4	20	1732.5	QPSK	100	LOW	18229	20310	No limit
Band4	20	1732.5	16QAM	100	LOW	18239	20310	No limit
Band4	20	1745	QPSK	100	LOW	18233	20160	No limit
Band4	20	1745	16QAM	100	LOW	18233	20220	No limit

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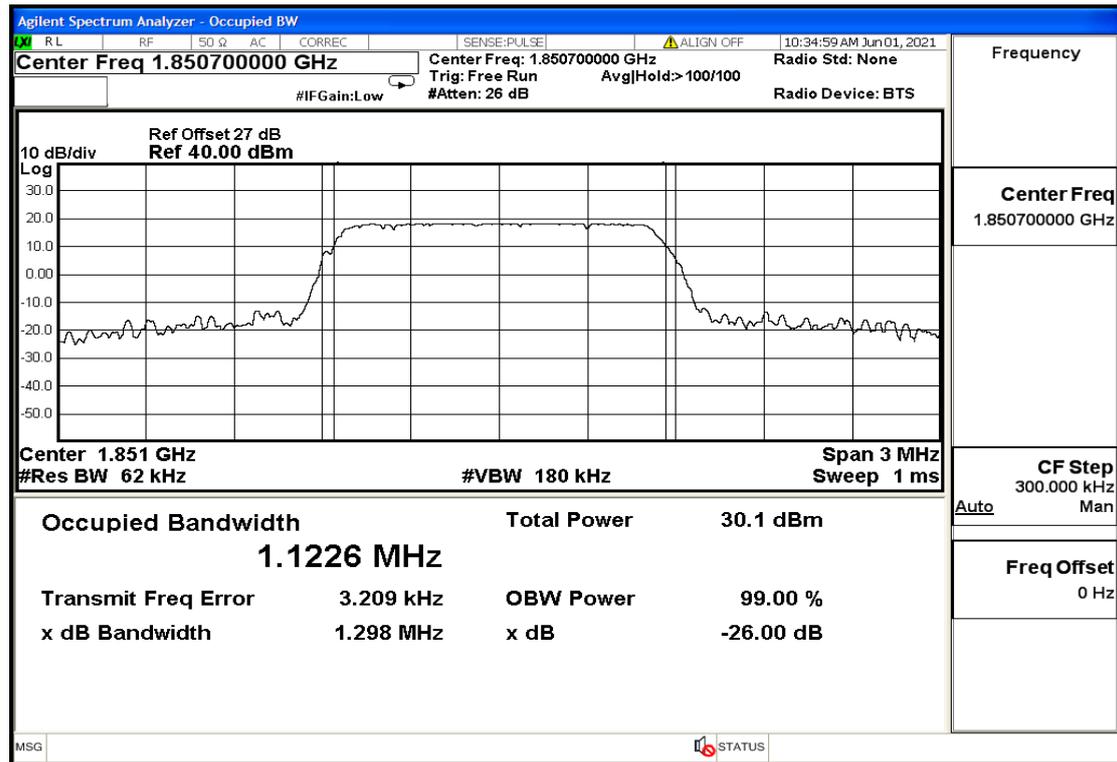
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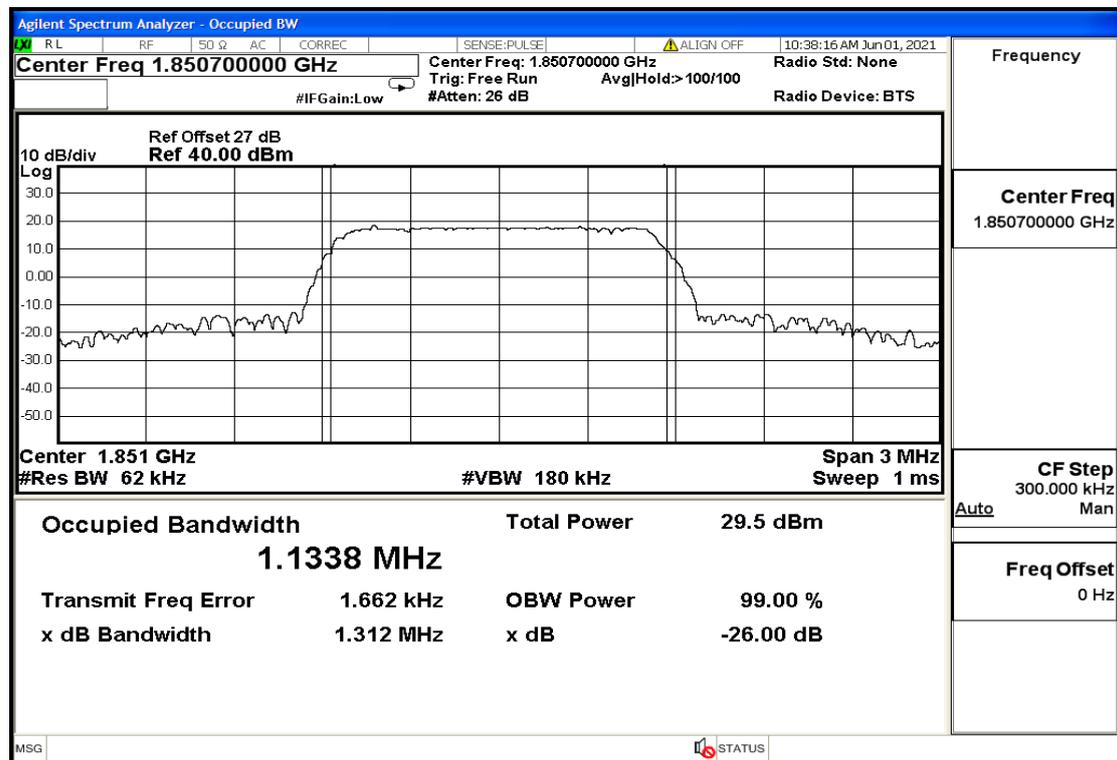
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Band2-1.4-1880-16QAM-6#LOW@26dB and 99PCT Bandwidth

Band2-1.4-1909.3-QPSK-6#LOW@26dB and 99PCT Bandwidth

Band2-1.4-1909.3-16QAM-6#LOW@26dB and 99PCT Bandwidth

Band2-3-1851.5-QPSK-15#LOW@26dB and 99PCT Bandwidth

Band2-3-1851.5-16QAM-15#LOW@26dB and 99PCT Bandwidth

Band2-3-1880-QPSK-15#LOW@26dB and 99PCT Bandwidth

Band2-3-1880-16QAM-15#LOW@26dB and 99PCT Bandwidth

Band2-3-1908.5-QPSK-15#LOW@26dB and 99PCT Bandwidth

Band2-3-1908.5-16QAM-15#LOW@26dB and 99PCT Bandwidth
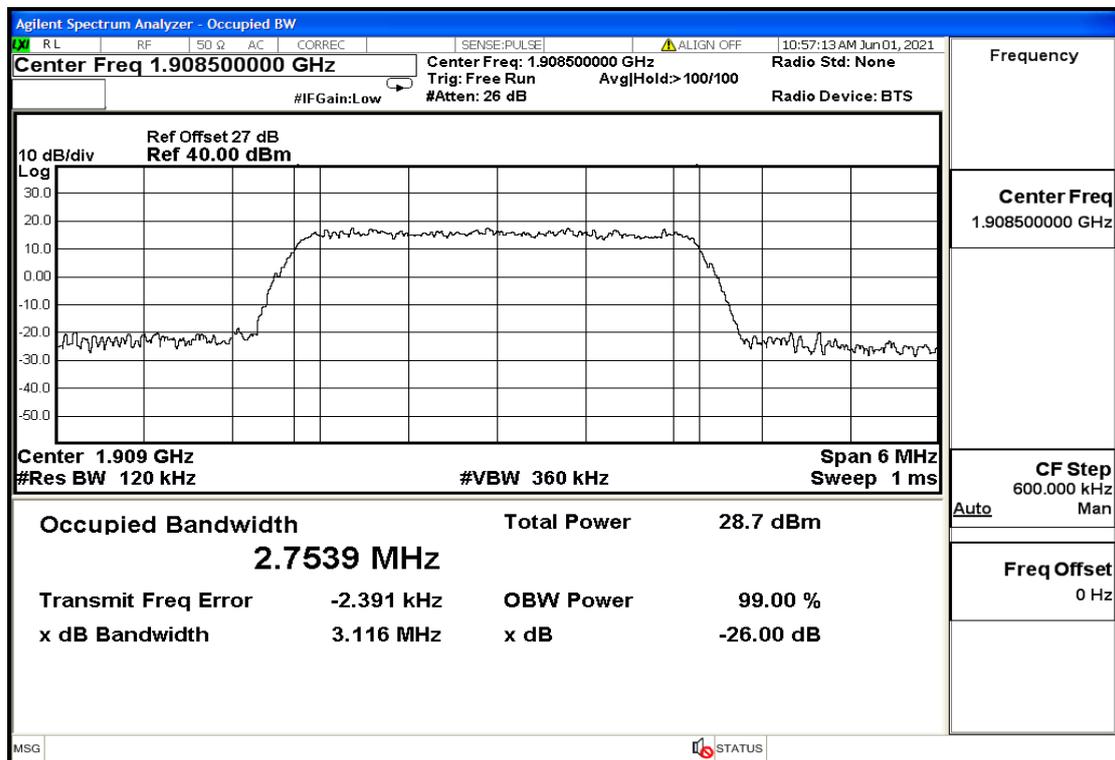
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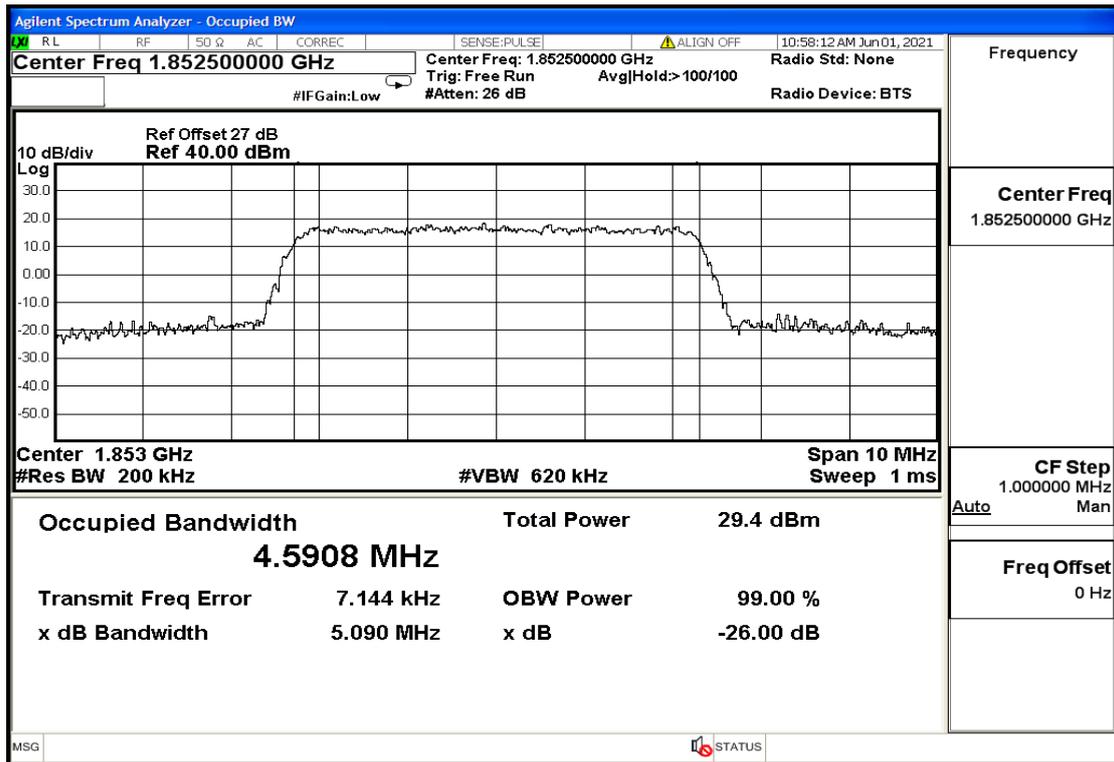
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Band2-5-1880-QPSK-25#LOW@26dB and 99PCT Bandwidth

Band2-5-1880-16QAM-25#LOW@26dB and 99PCT Bandwidth

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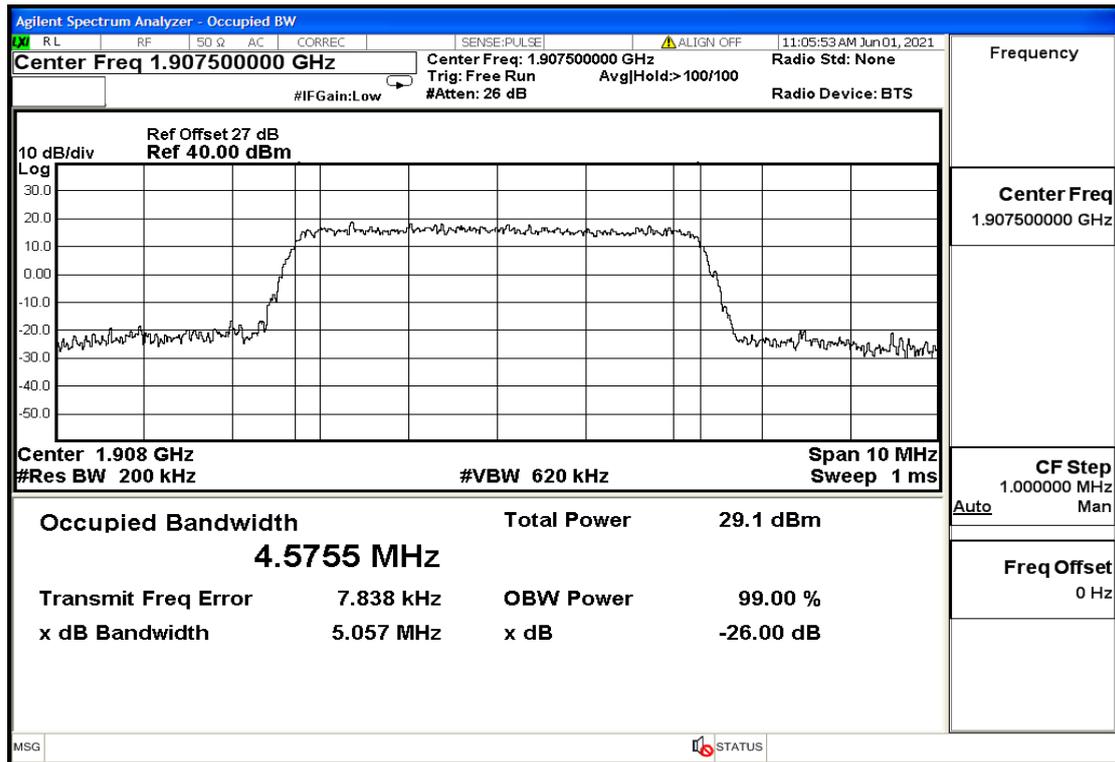
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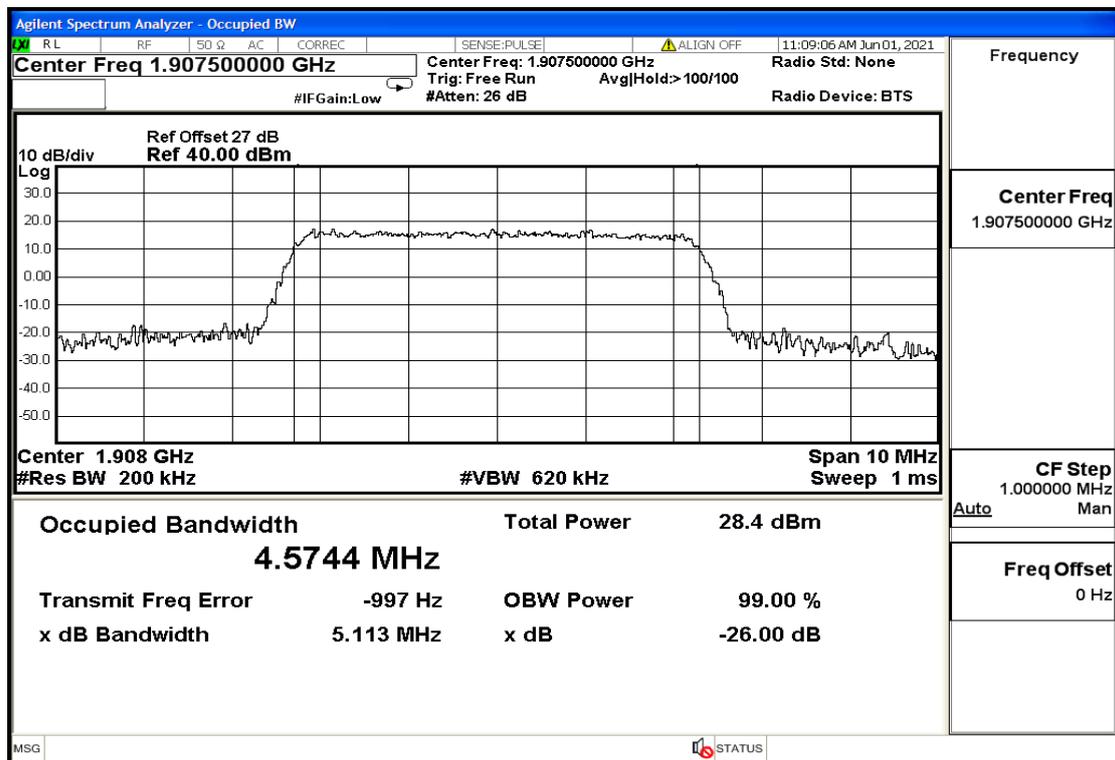
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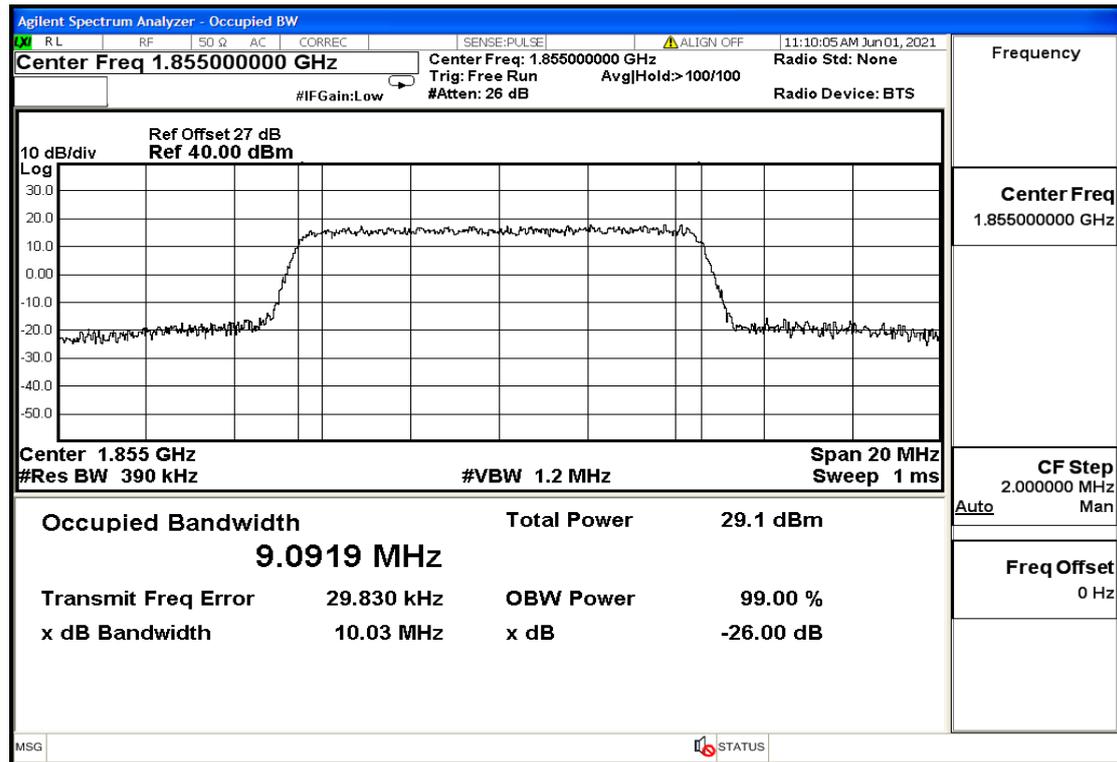
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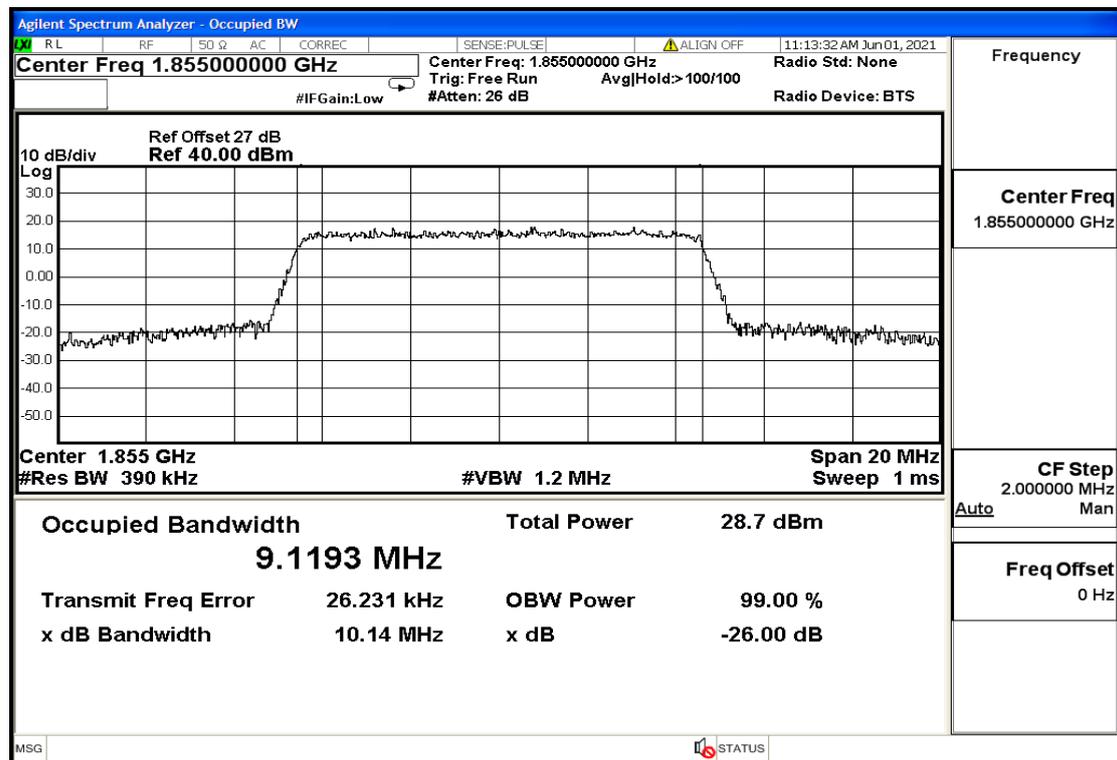
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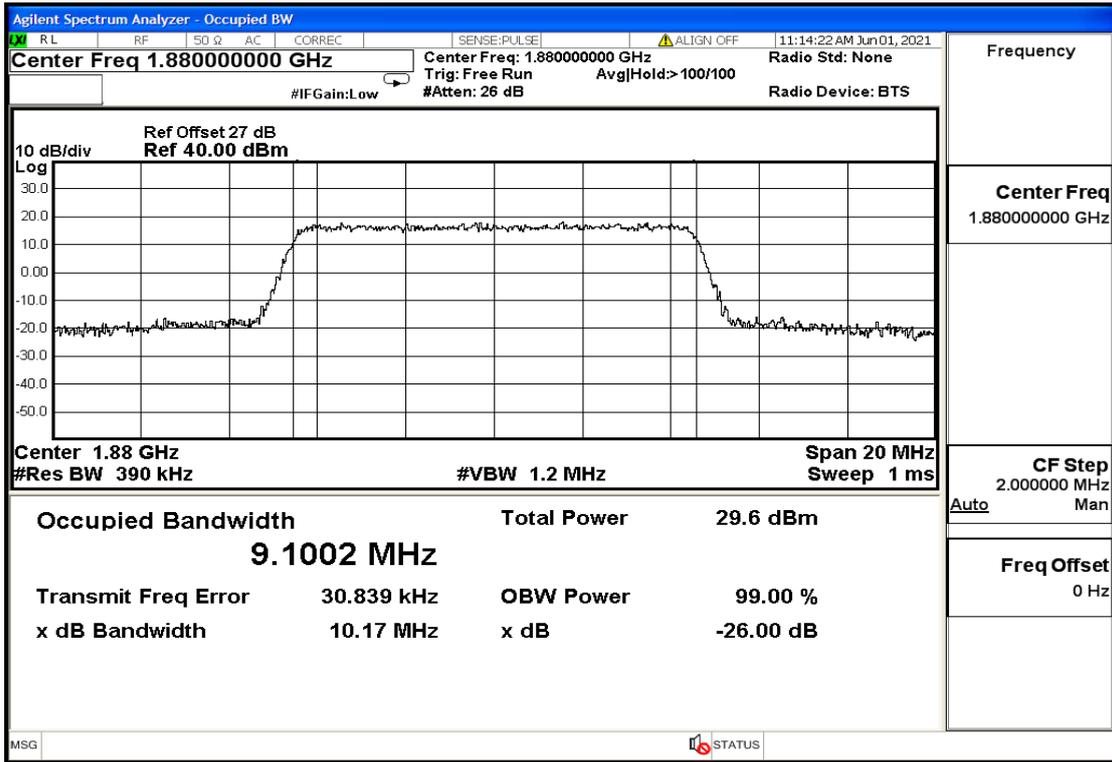
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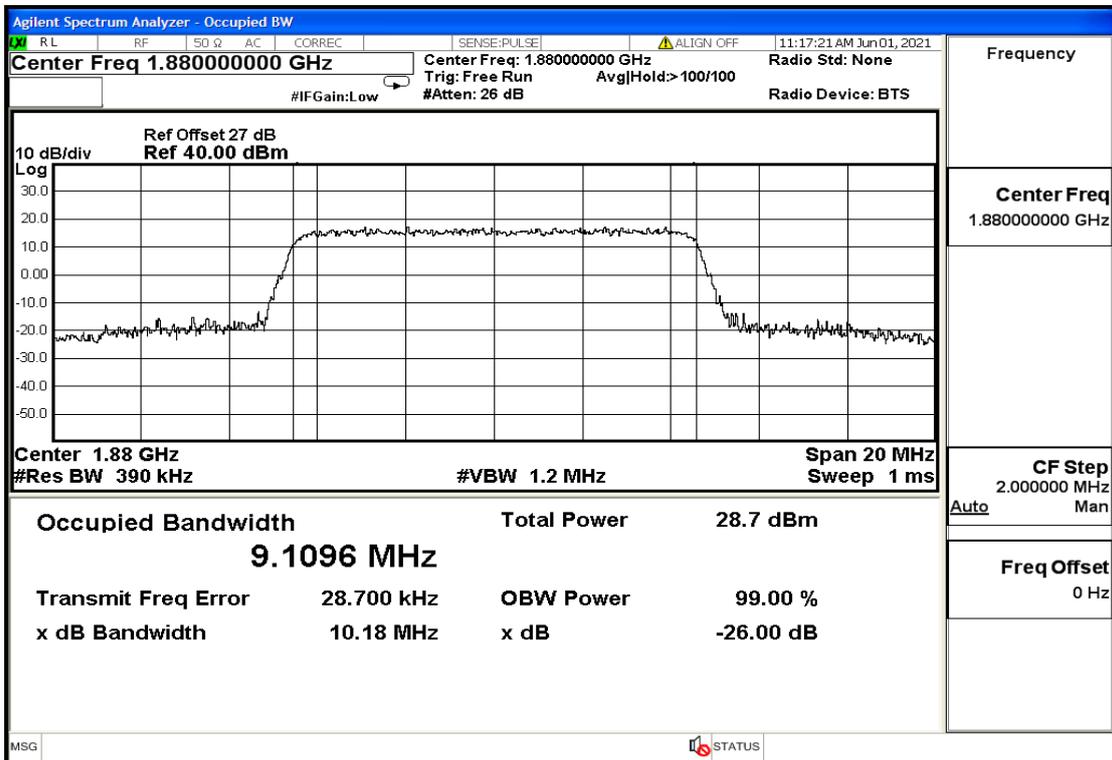
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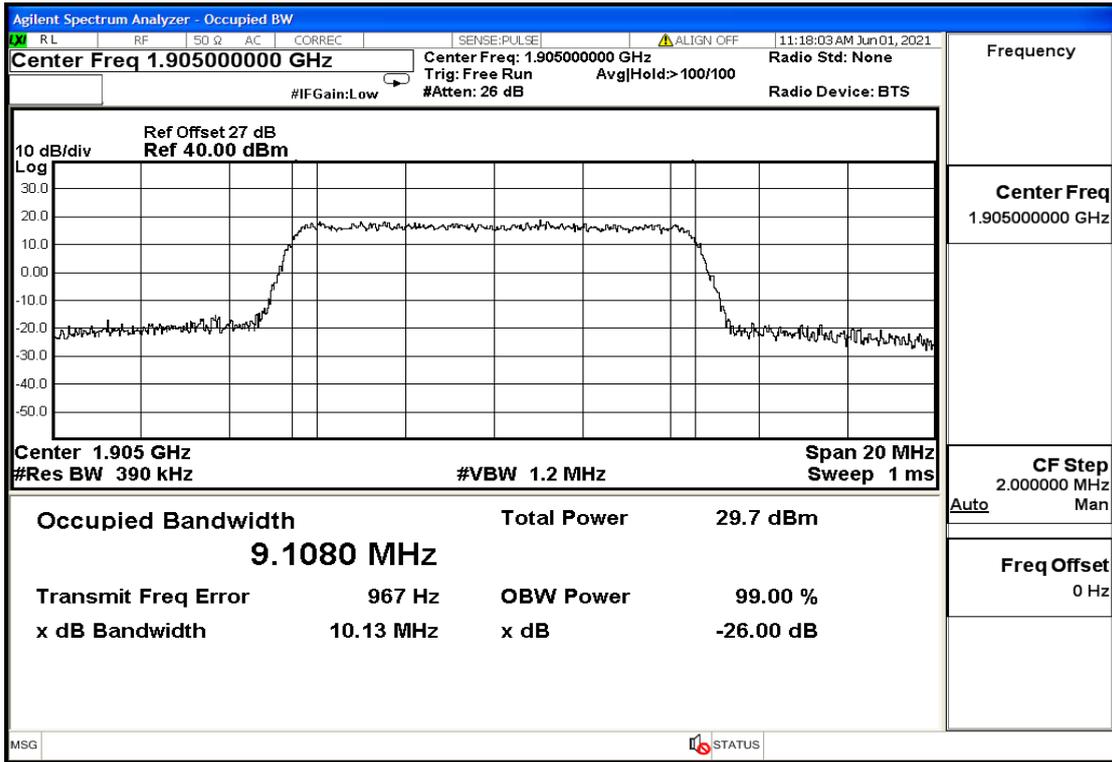
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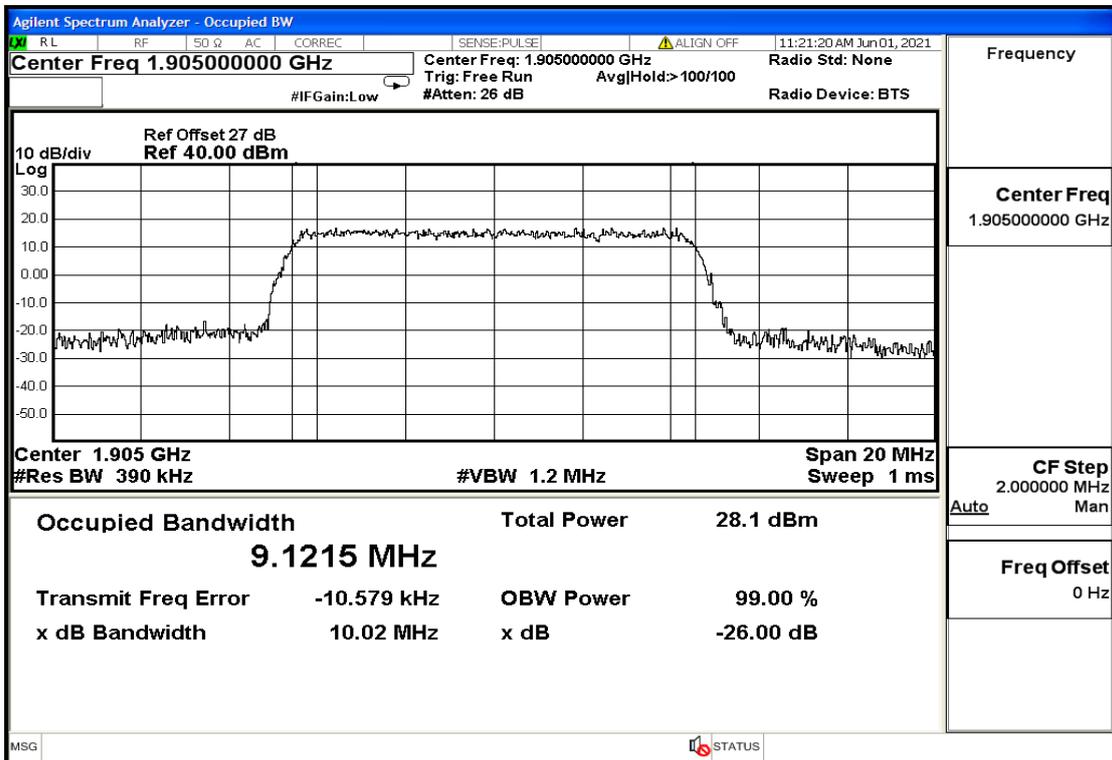
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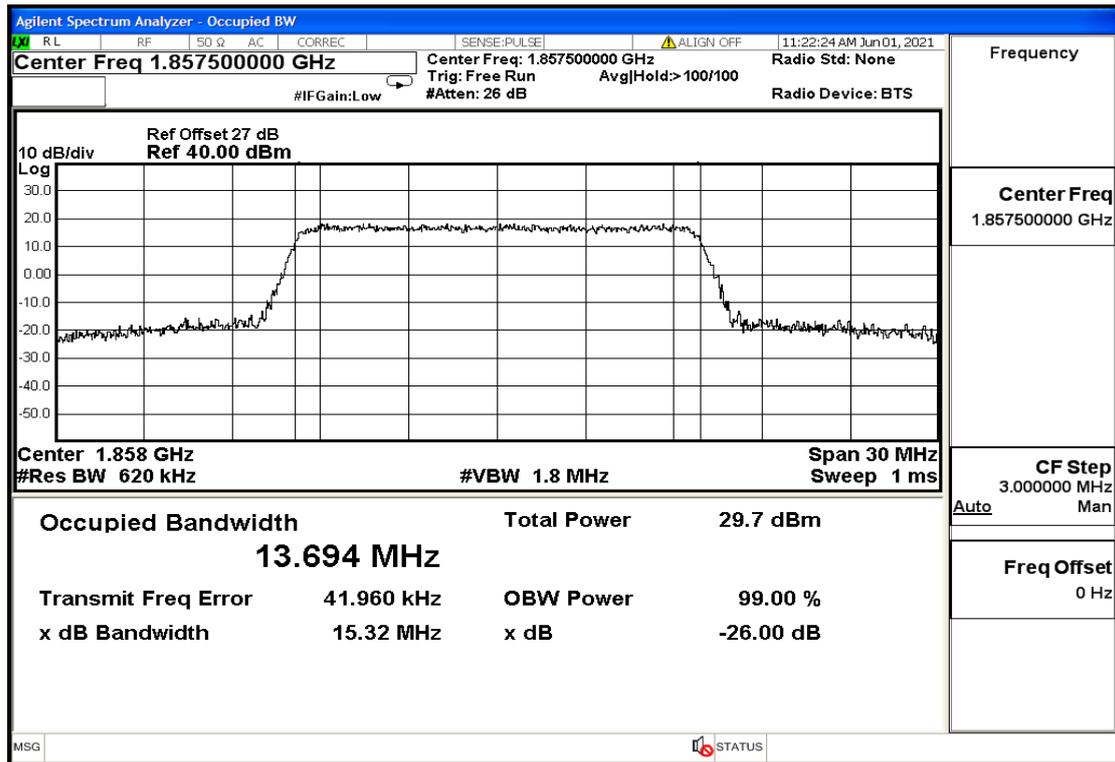
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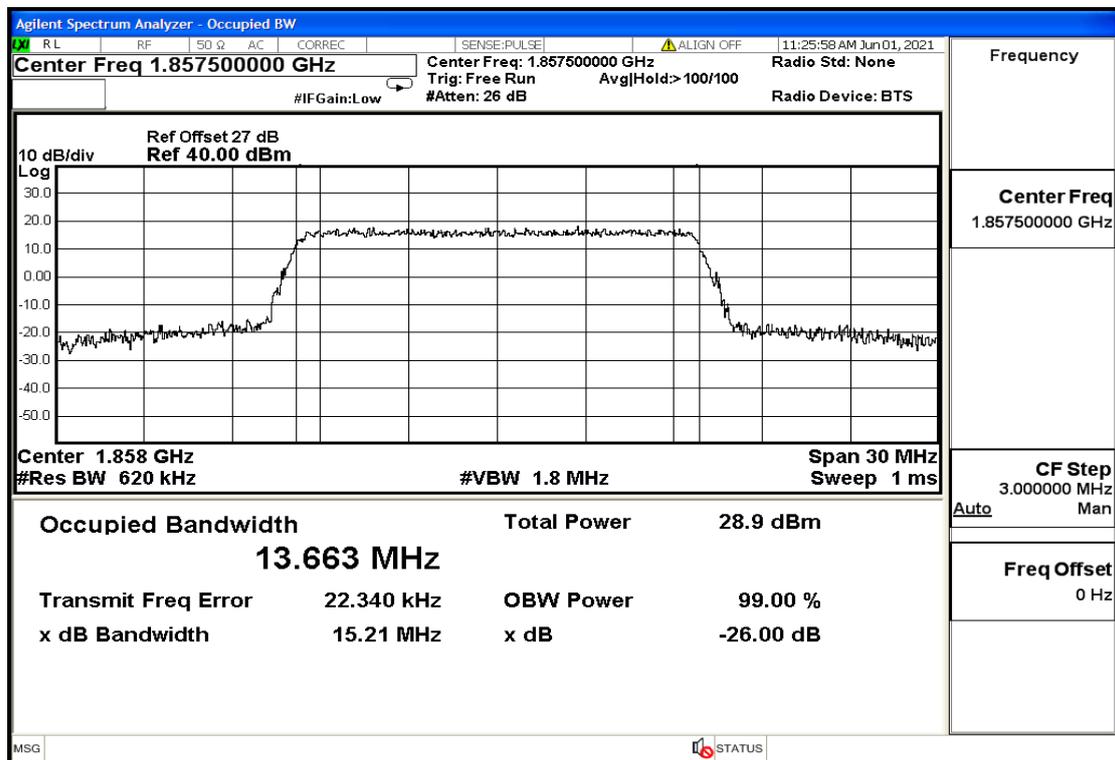
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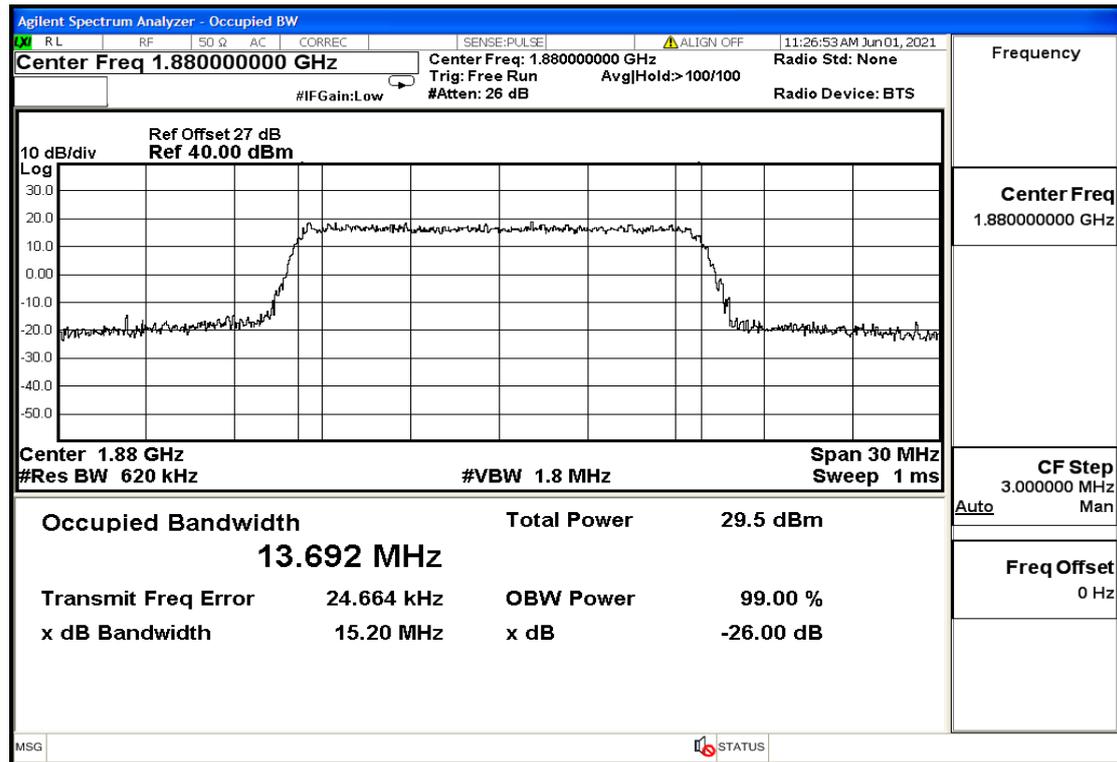
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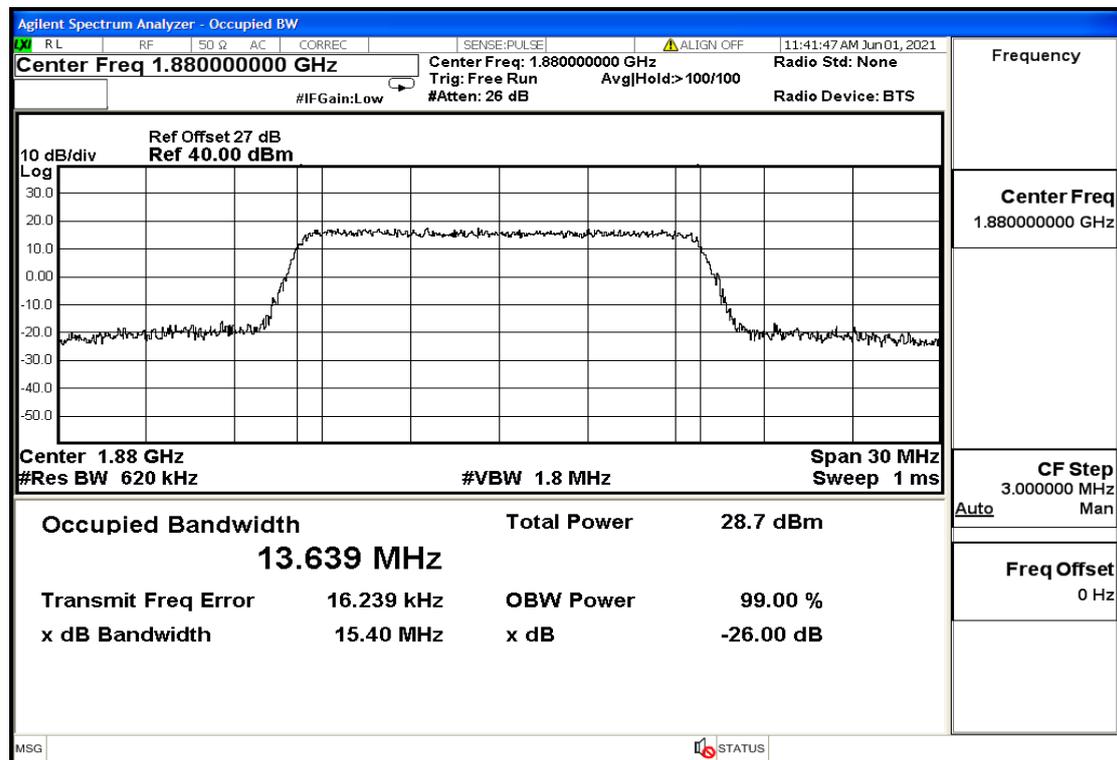
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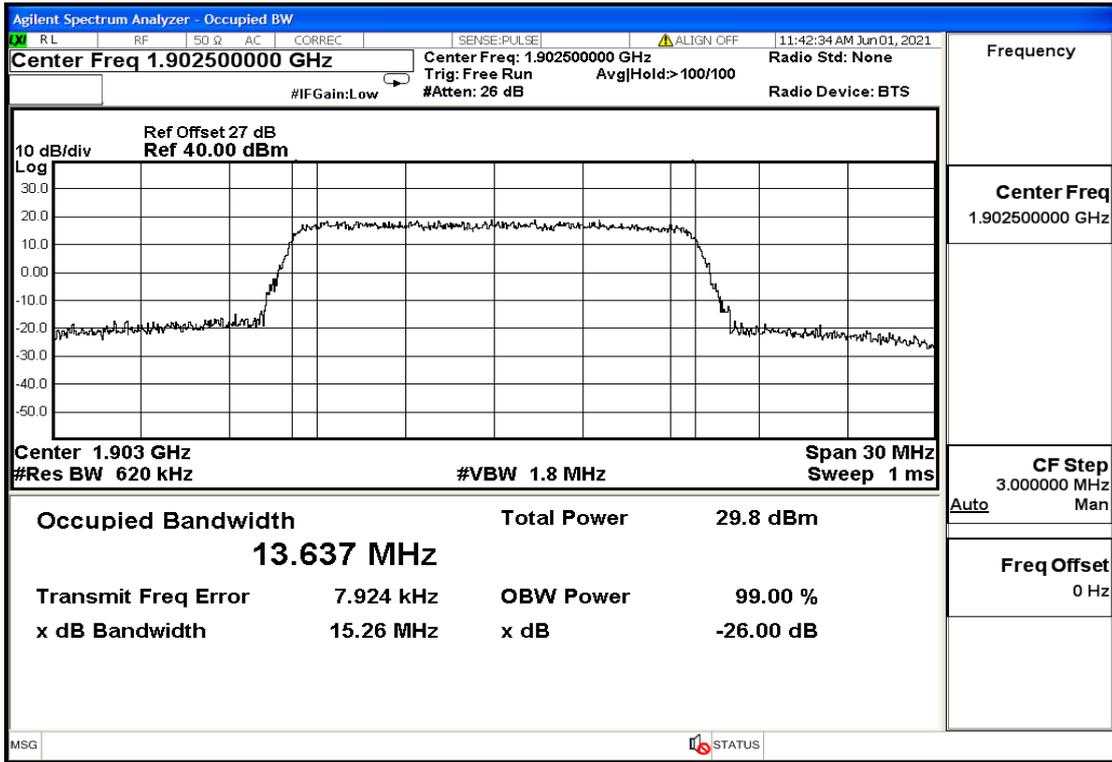
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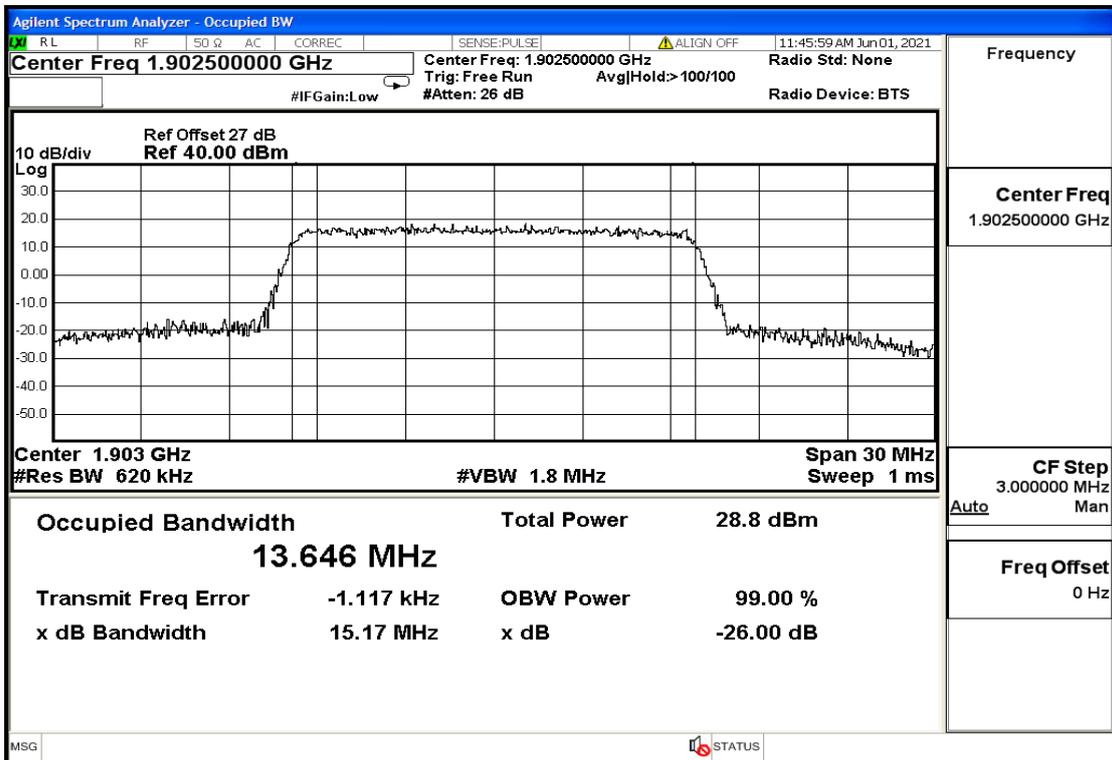
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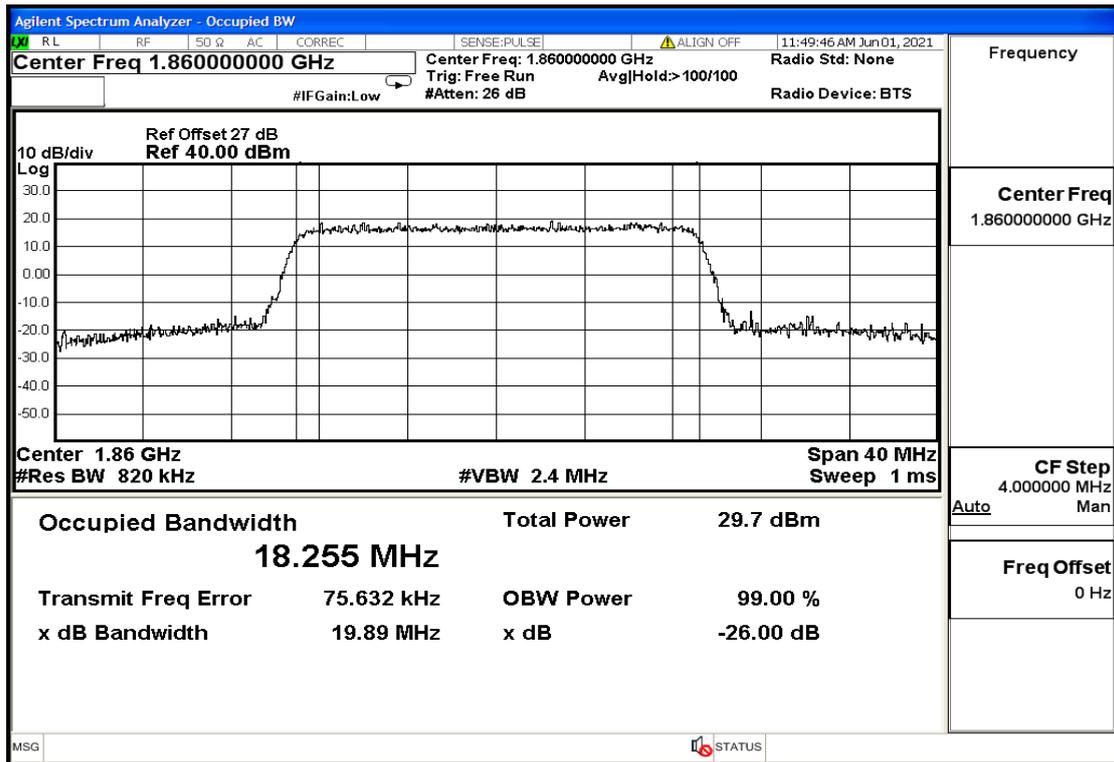
Band2-20-1860-16QAM-100#LOW@26dB and 99PCT Bandwidth
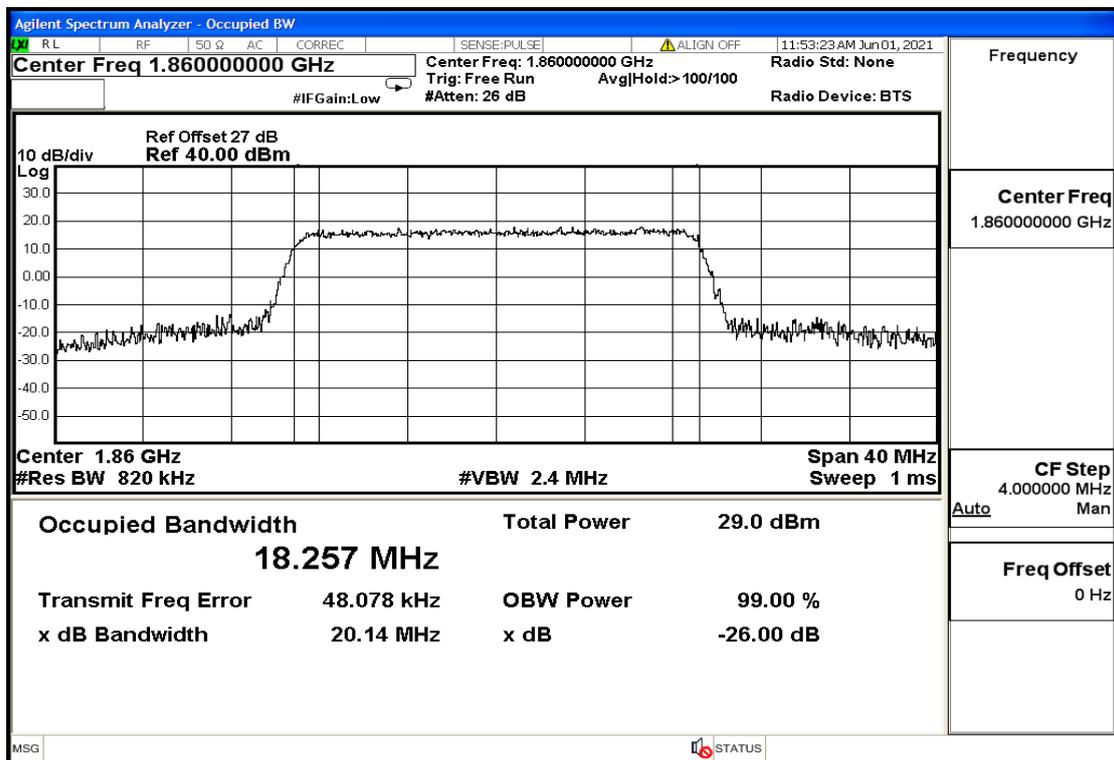
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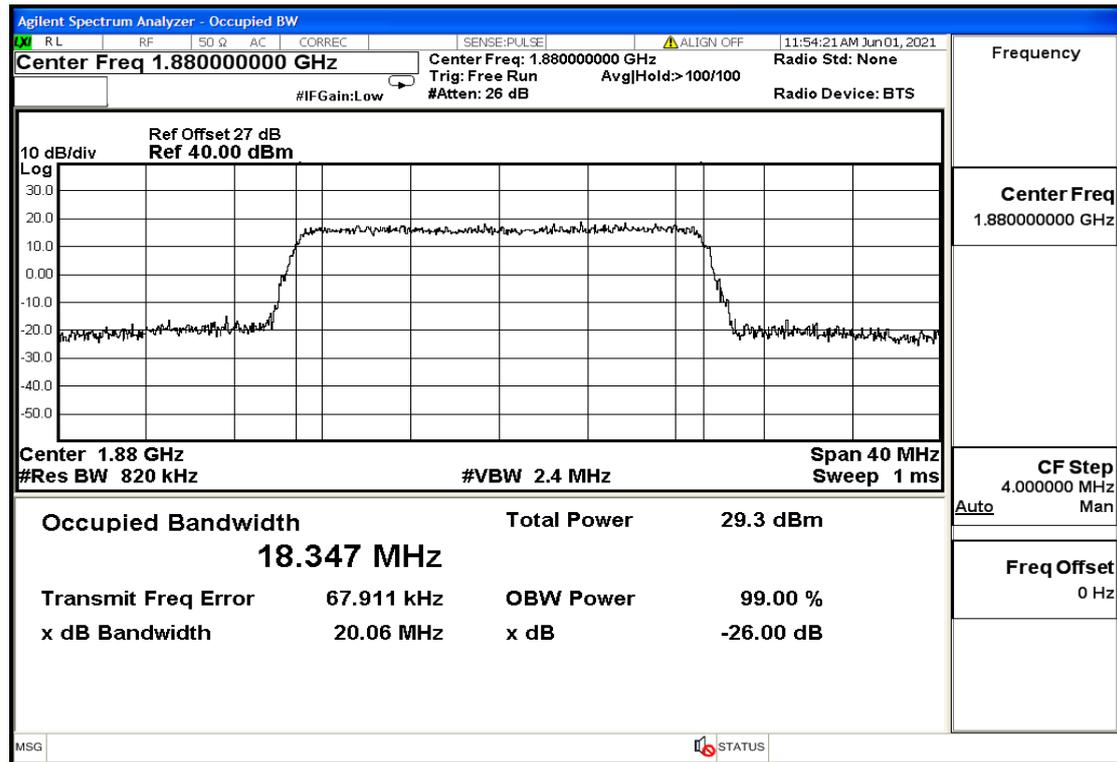
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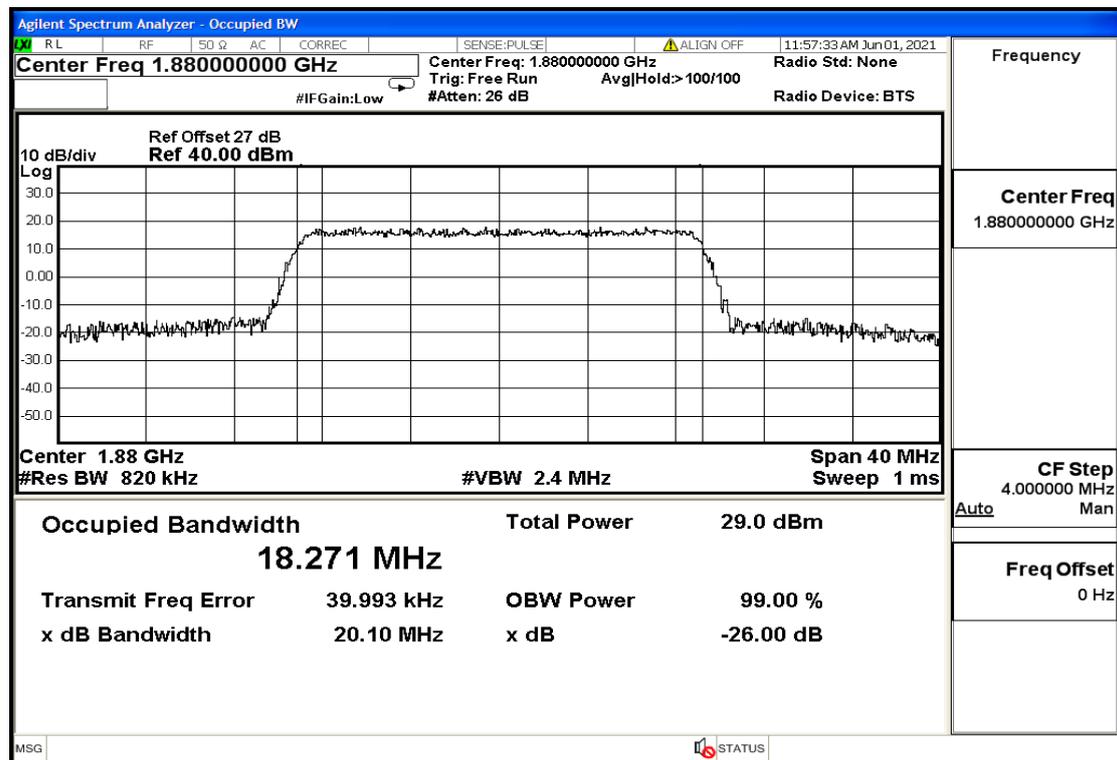
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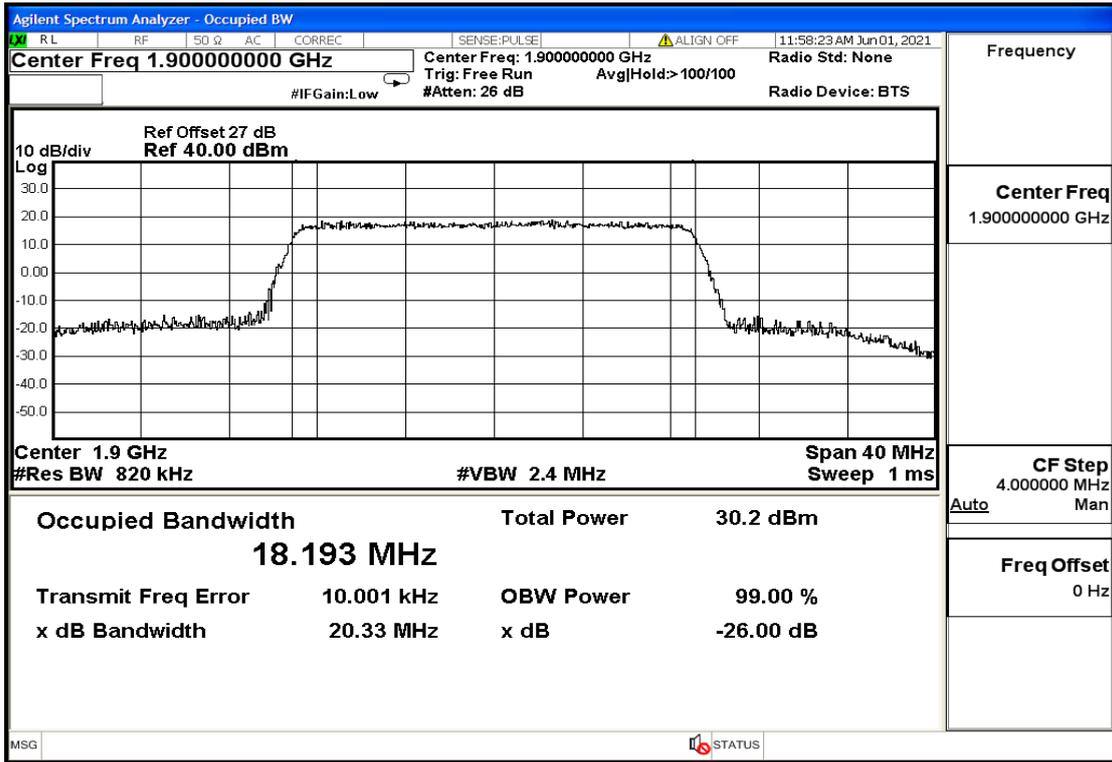
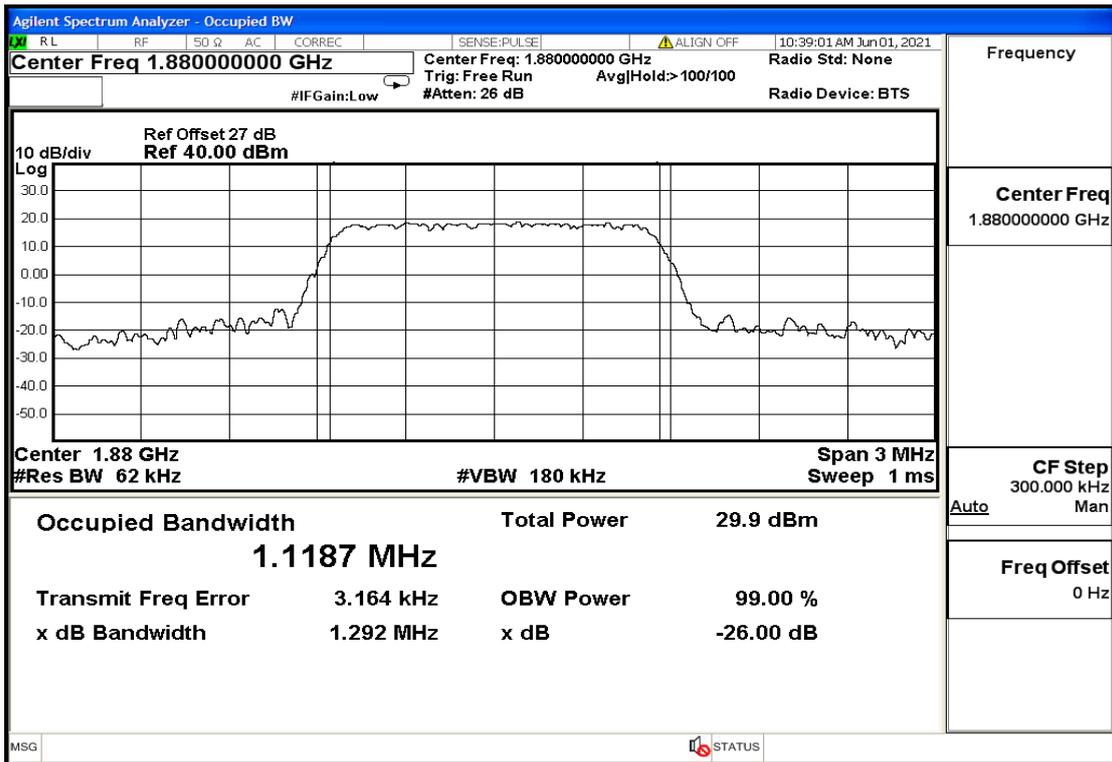Band2-20-1900-16QAM-100#LOW@26dB and 99PCT Bandwidth
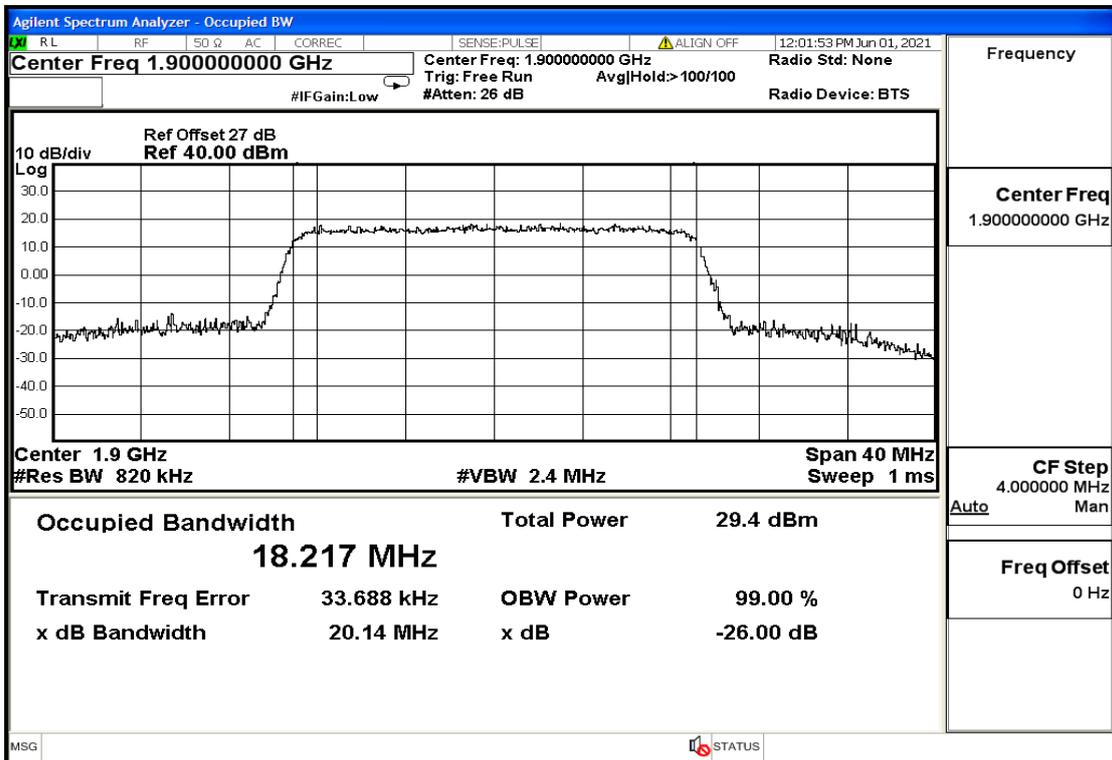
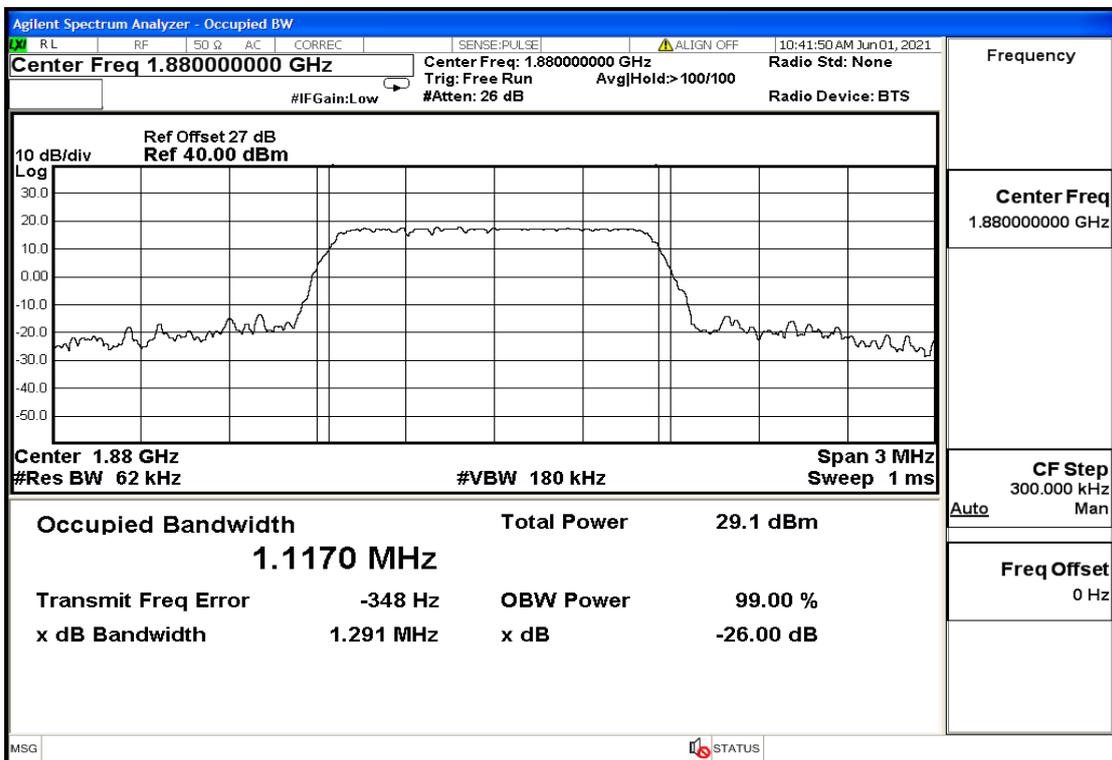Band4-1.4-1710.7-QPSK-6#LOW@26dB and 99PCT Bandwidth
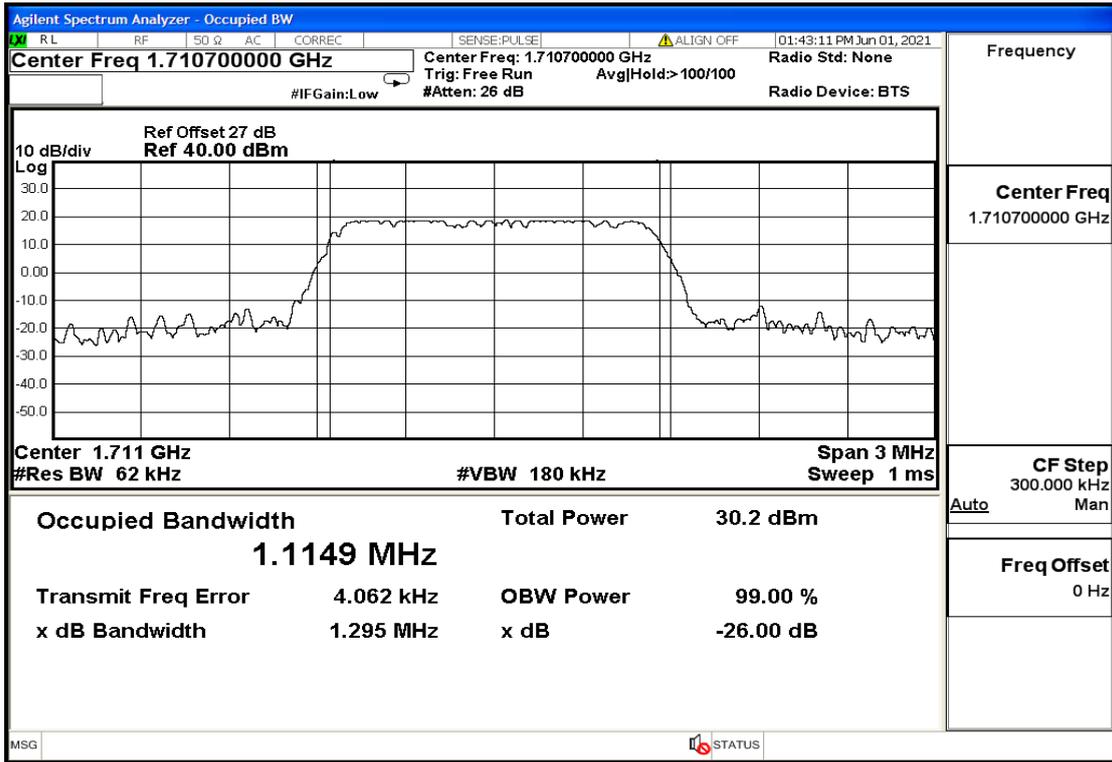
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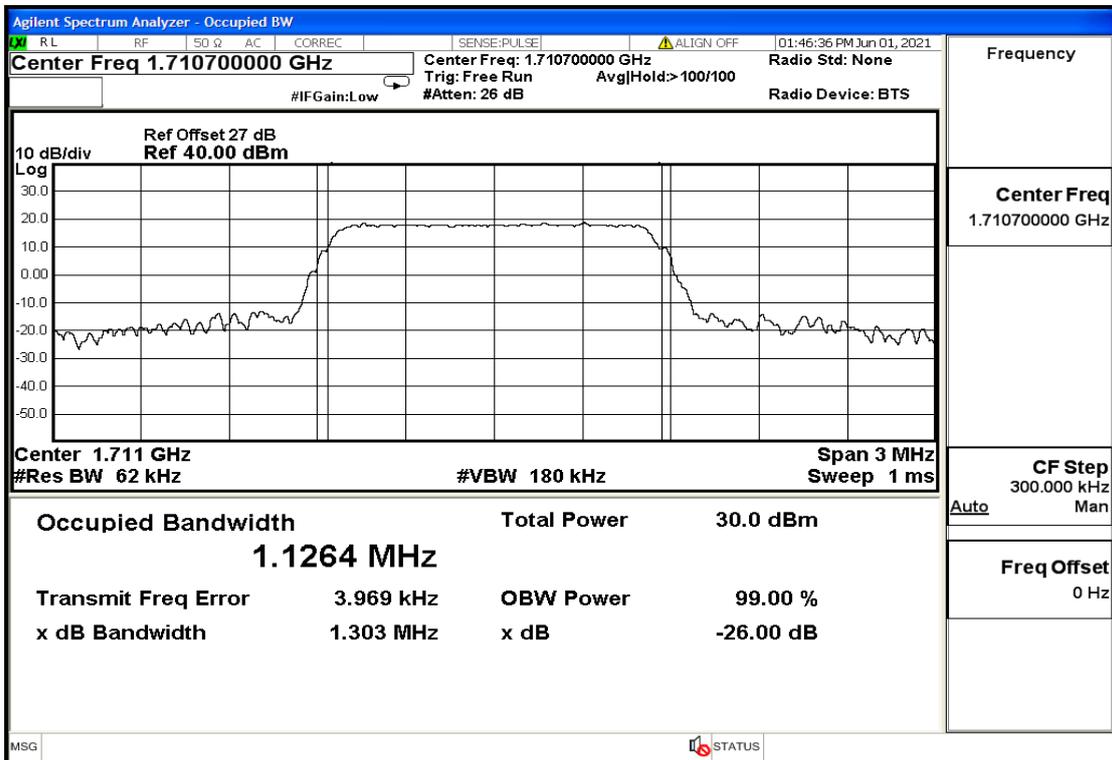
Band4-1.4-1732.5-QPSK-6#LOW@26dB and 99PCT Bandwidth
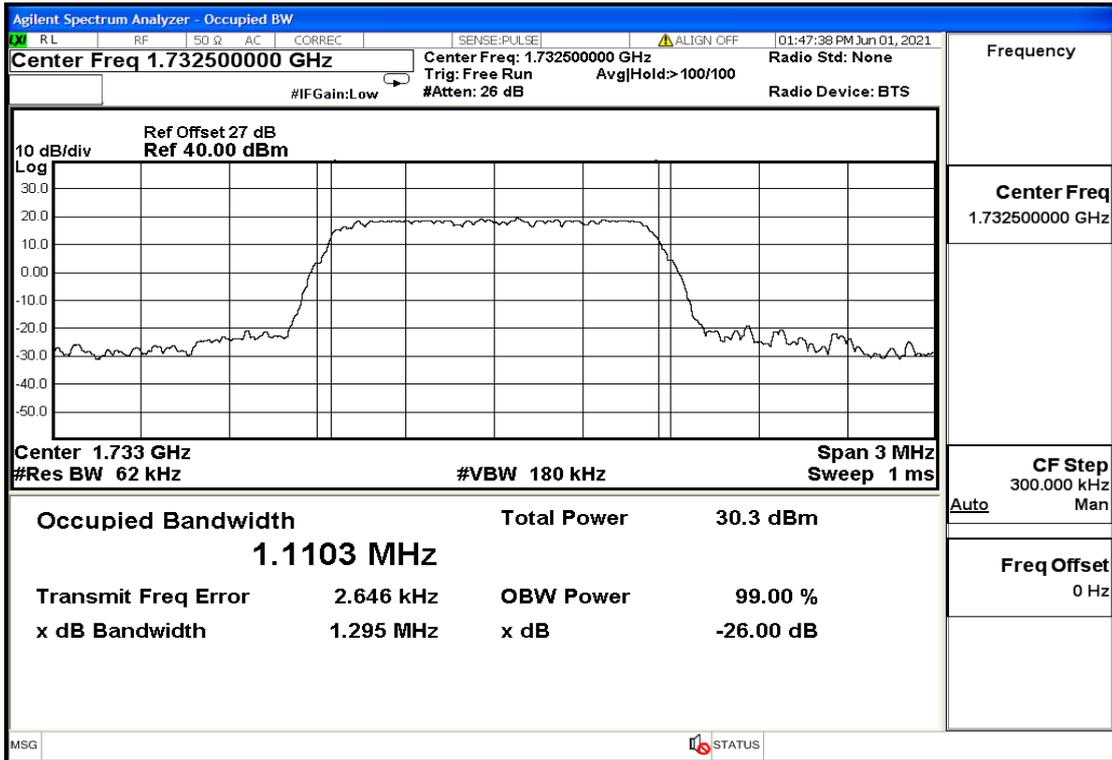
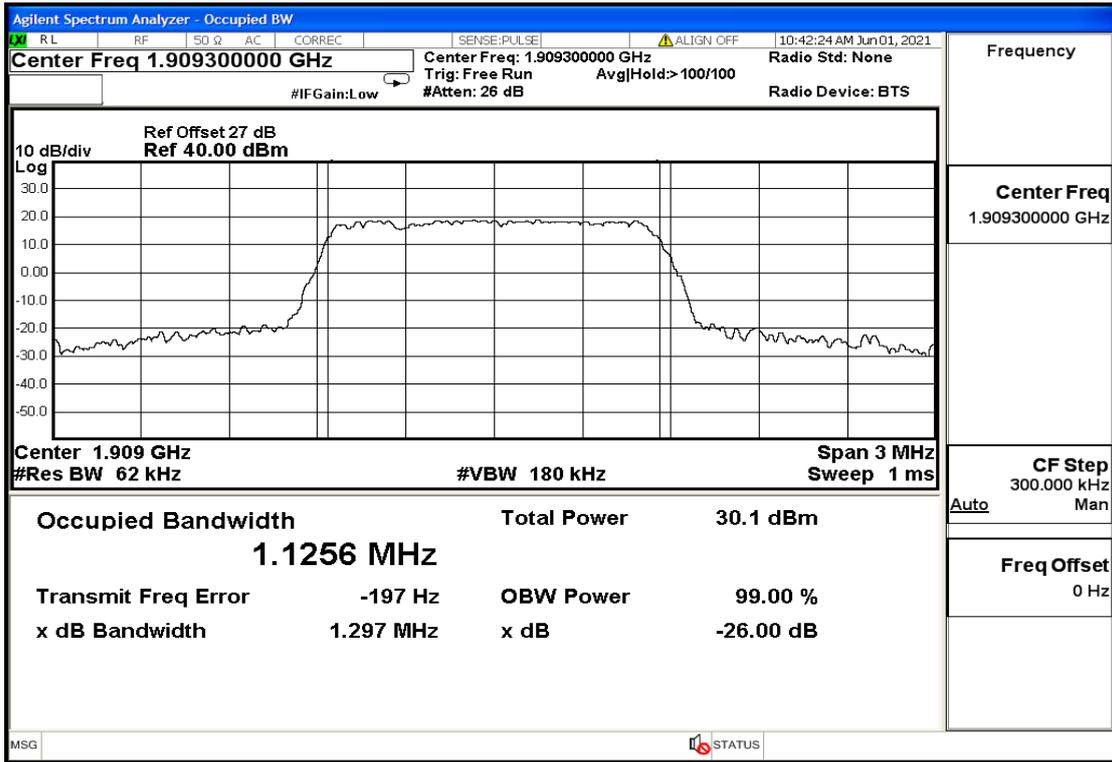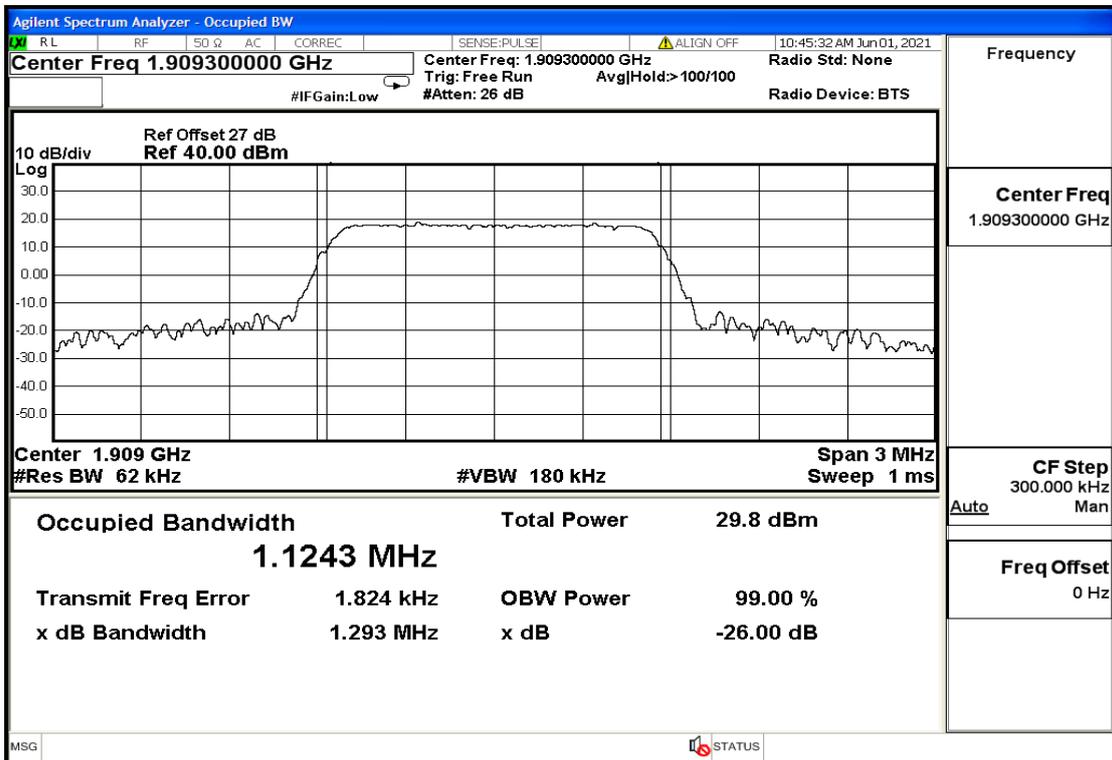Band4-1.4-1732.5-16QAM-6#LOW@26dB and 99PCT Bandwidth
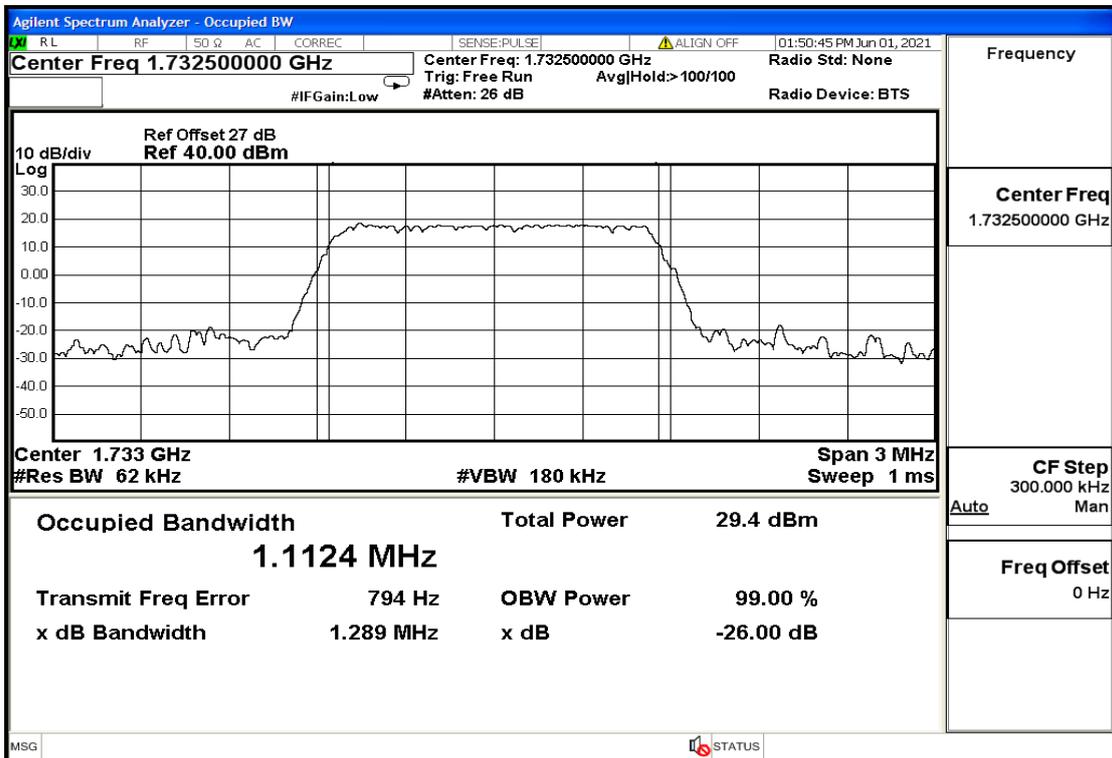
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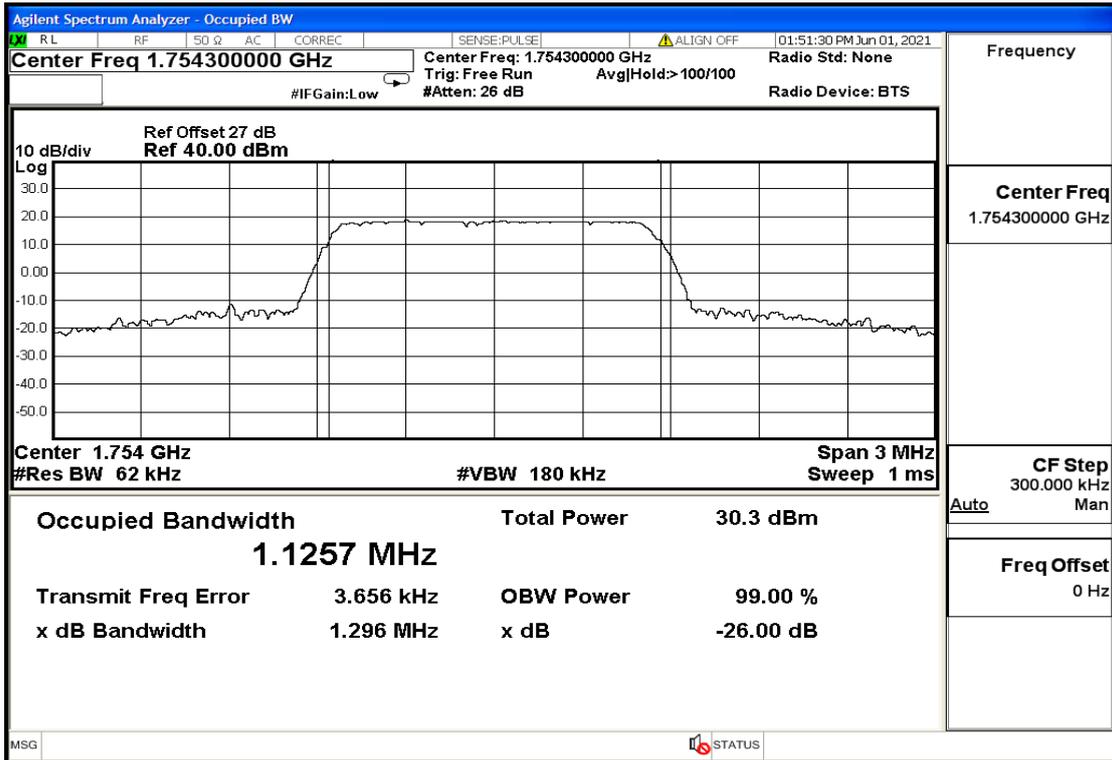
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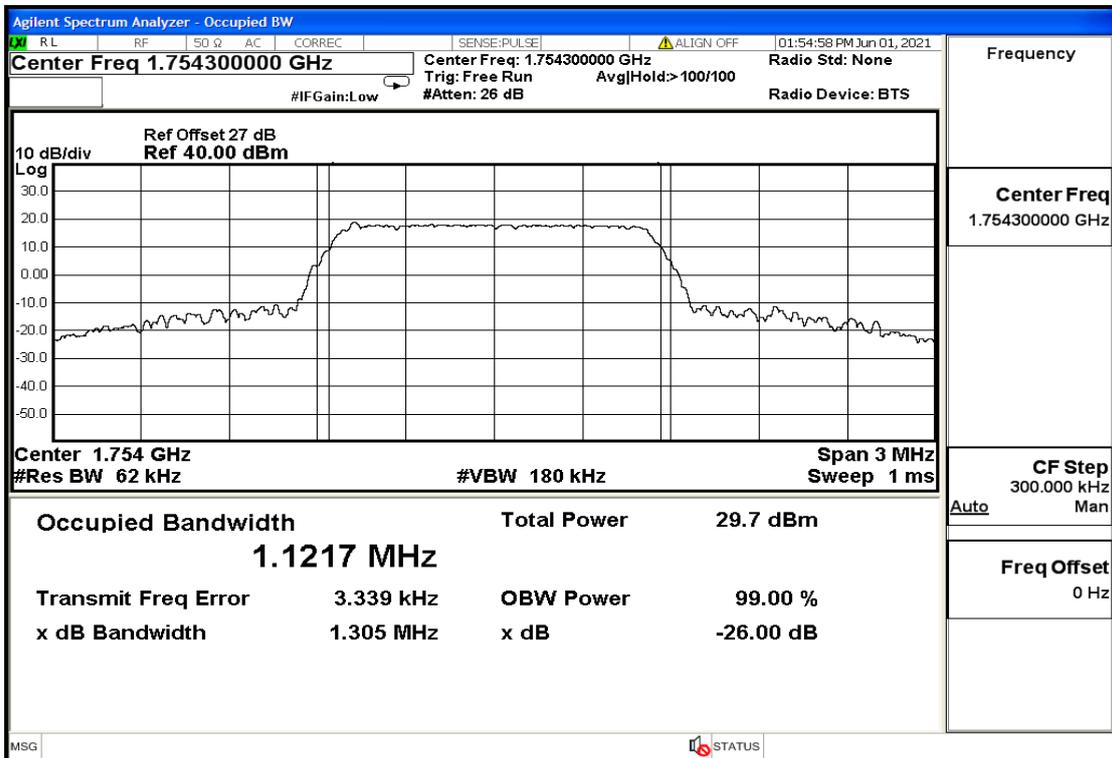
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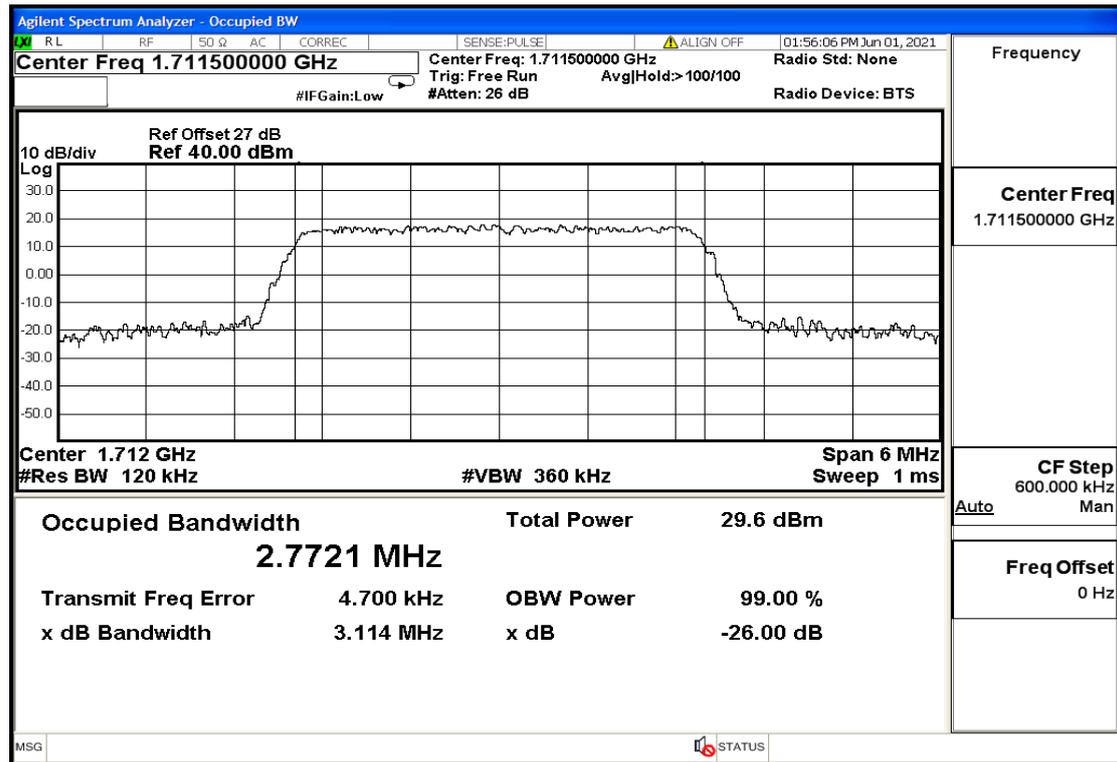
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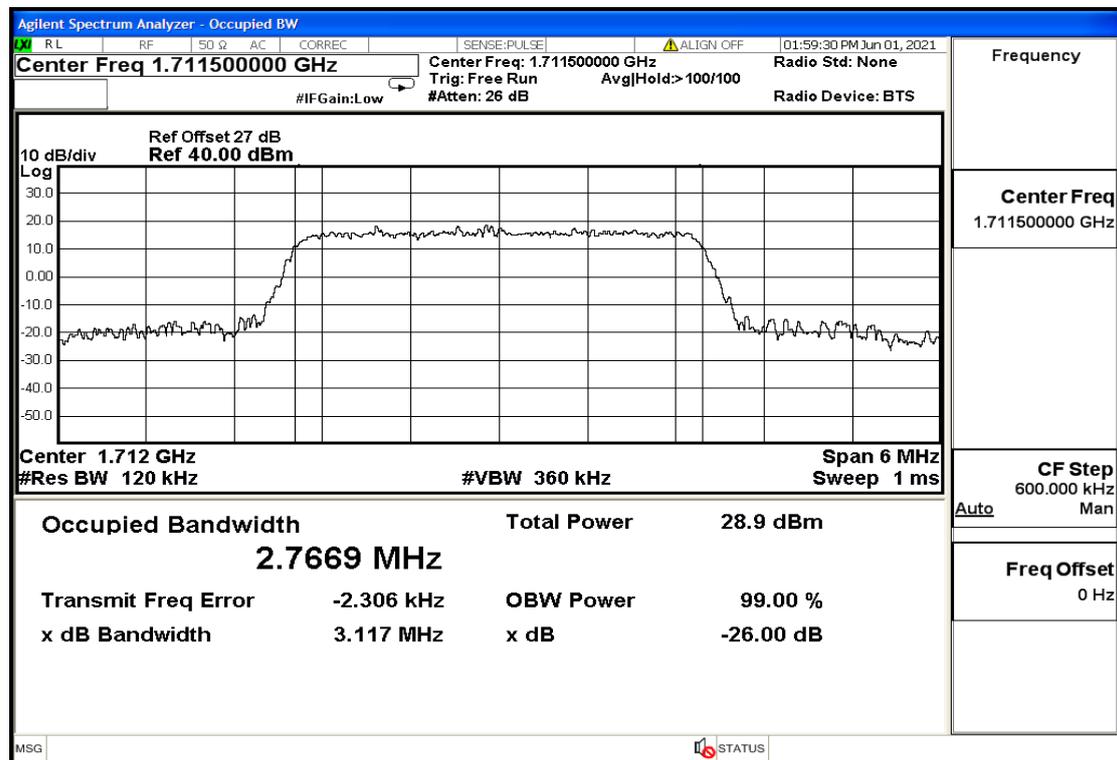
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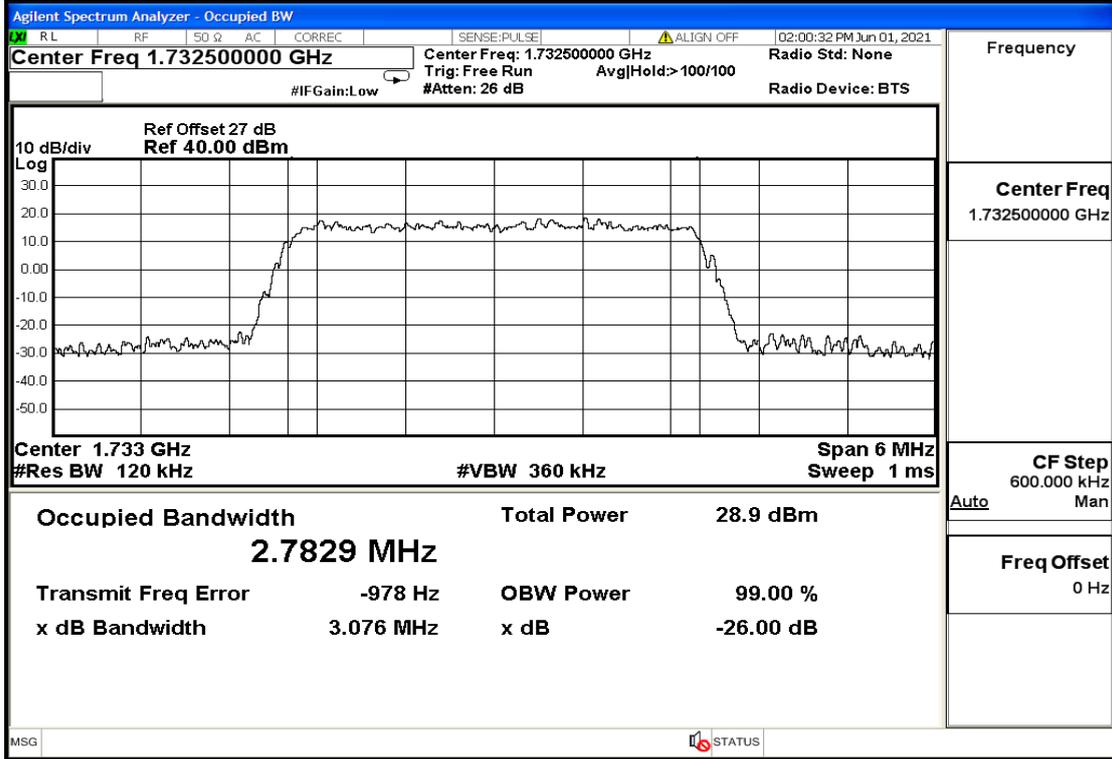
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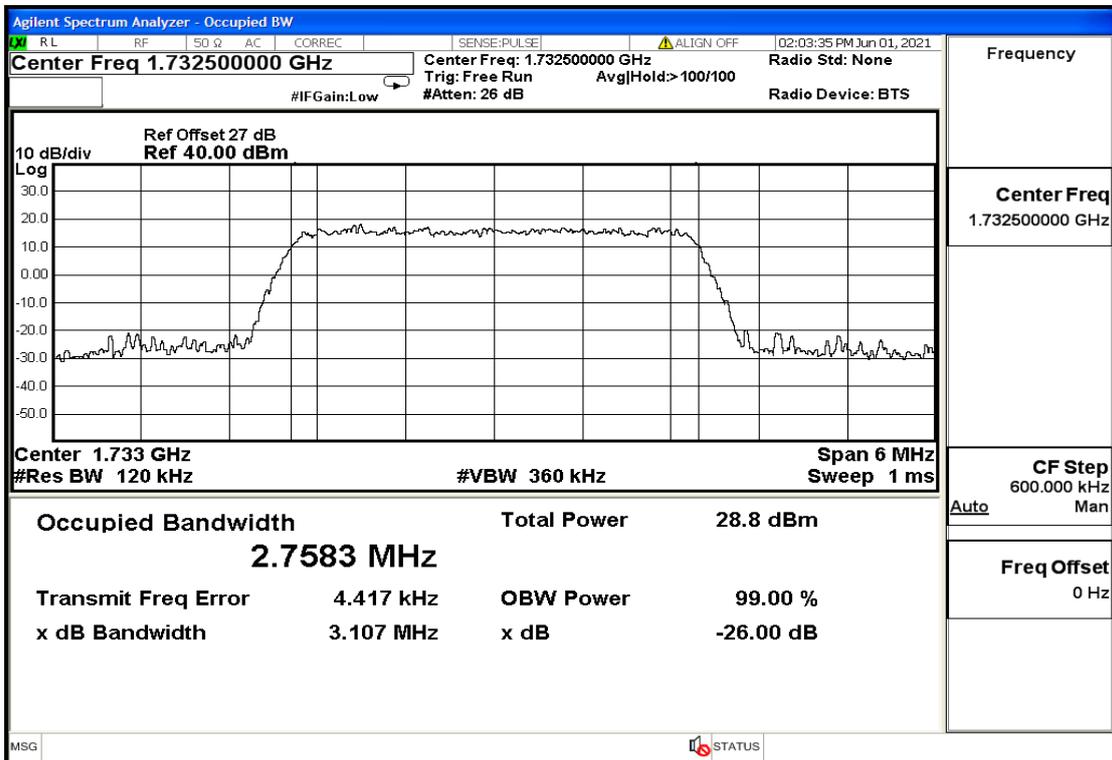
Band4-3-1753.5-QPSK-15#LOW@26dB and 99PCT Bandwidth
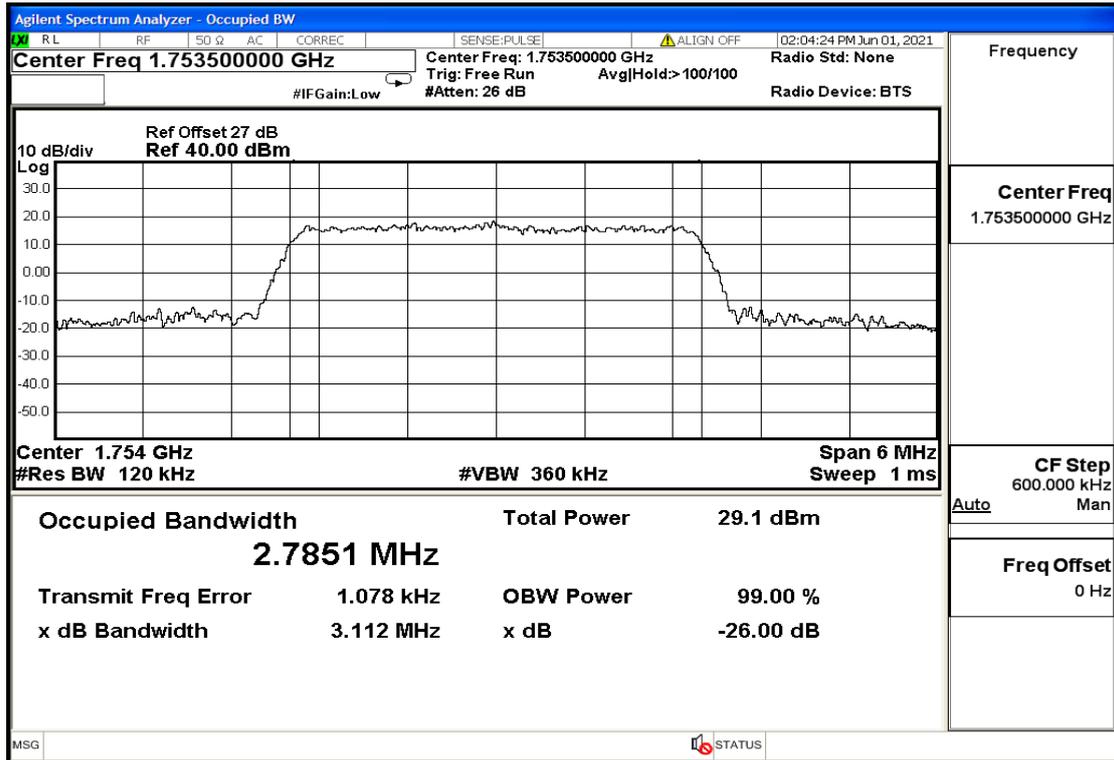
Band4-3-1753.5-16QAM-15#LOW@26dB and 99PCT Bandwidth
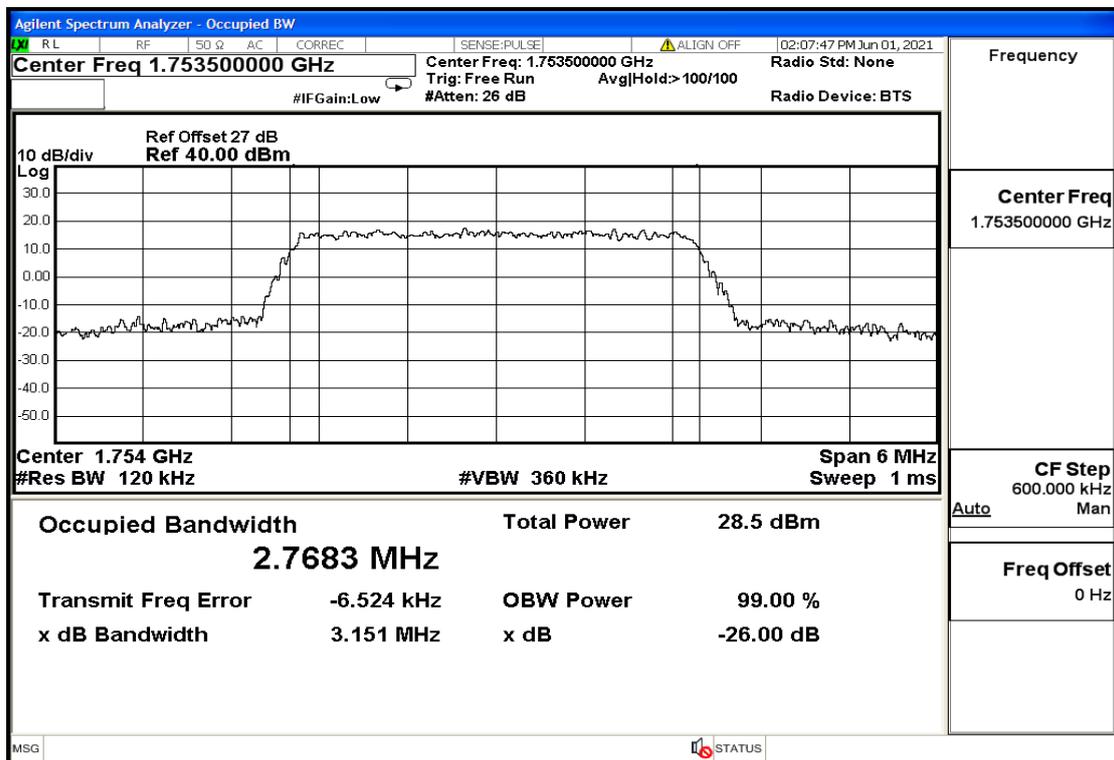
Band4-5-1712.5-QPSK-25#LOW@26dB and 99PCT Bandwidth
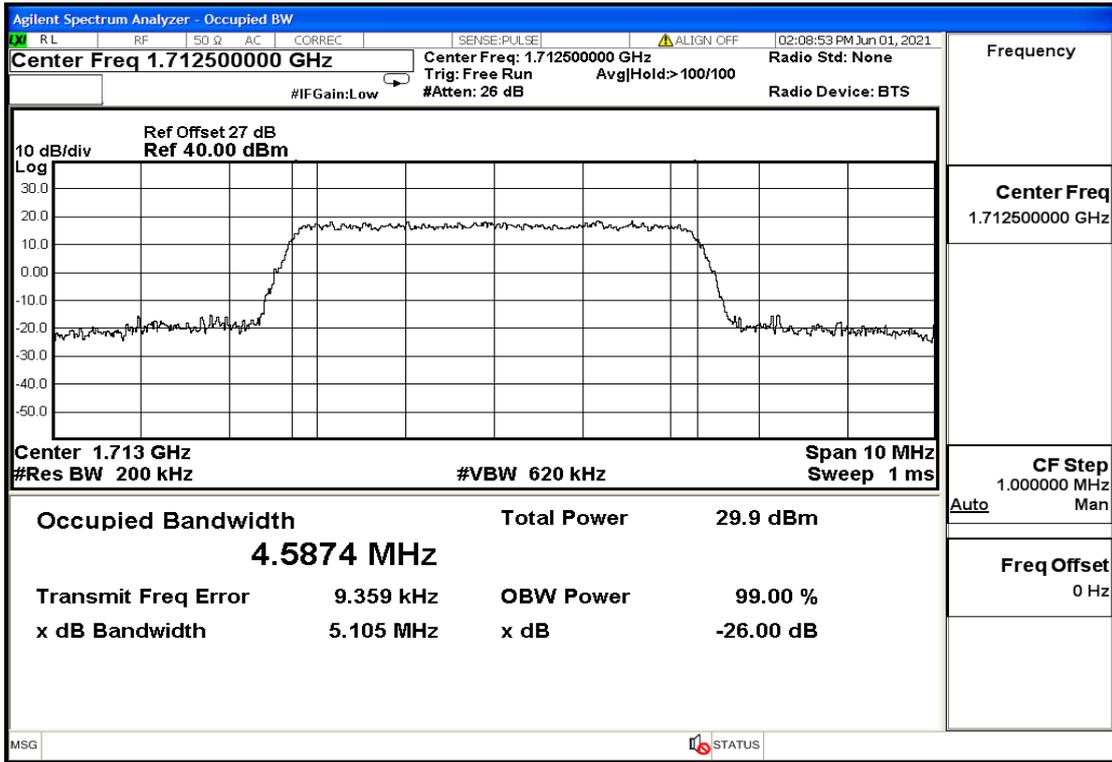
Band4-5-1712.5-16QAM-25#LOW@26dB and 99PCT Bandwidth
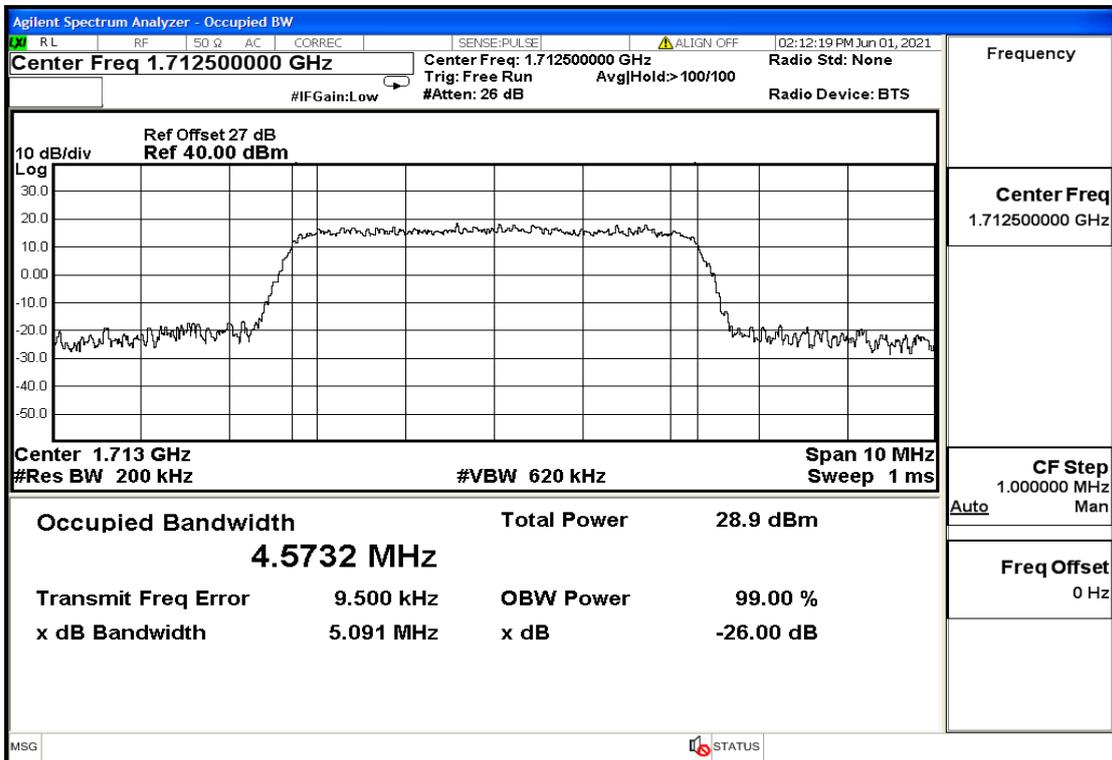
Band4-5-1732.5-QPSK-25#LOW@26dB and 99PCT Bandwidth
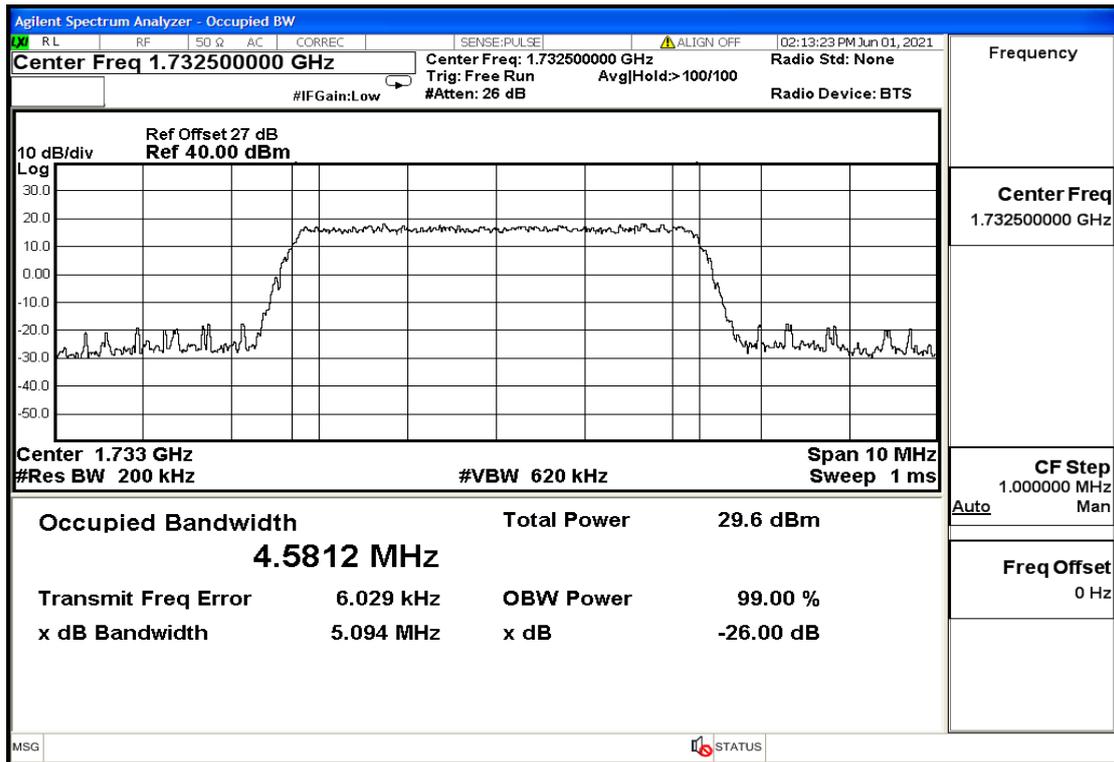
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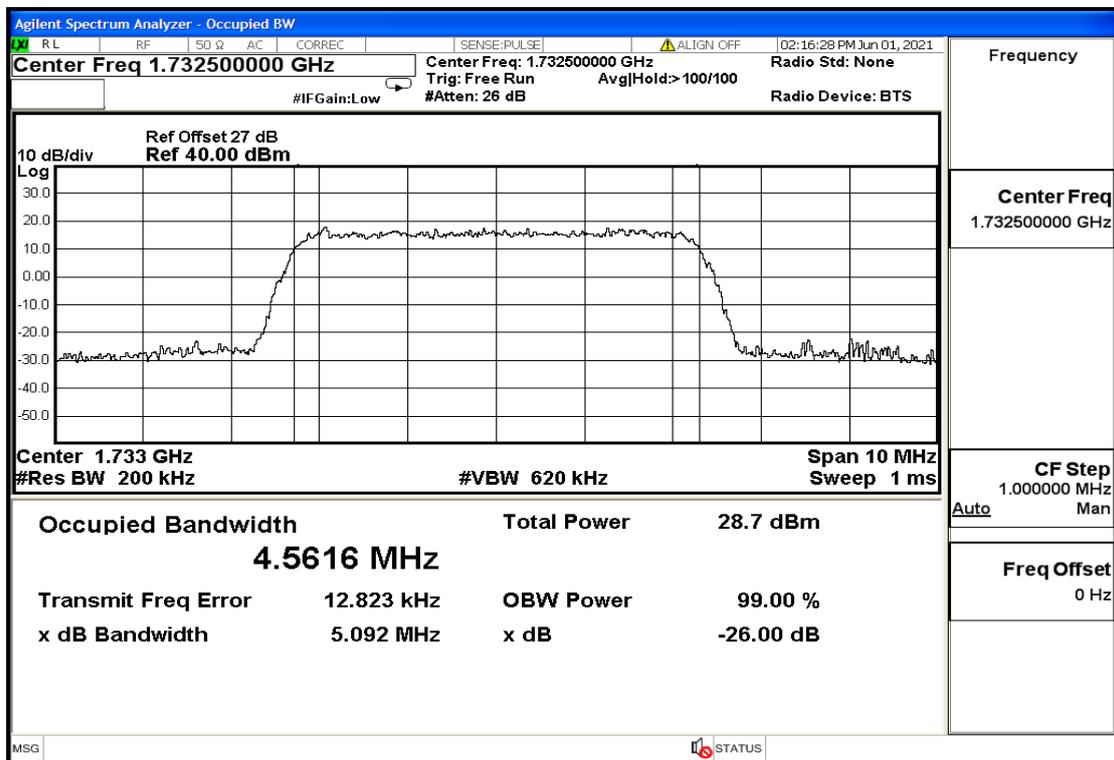
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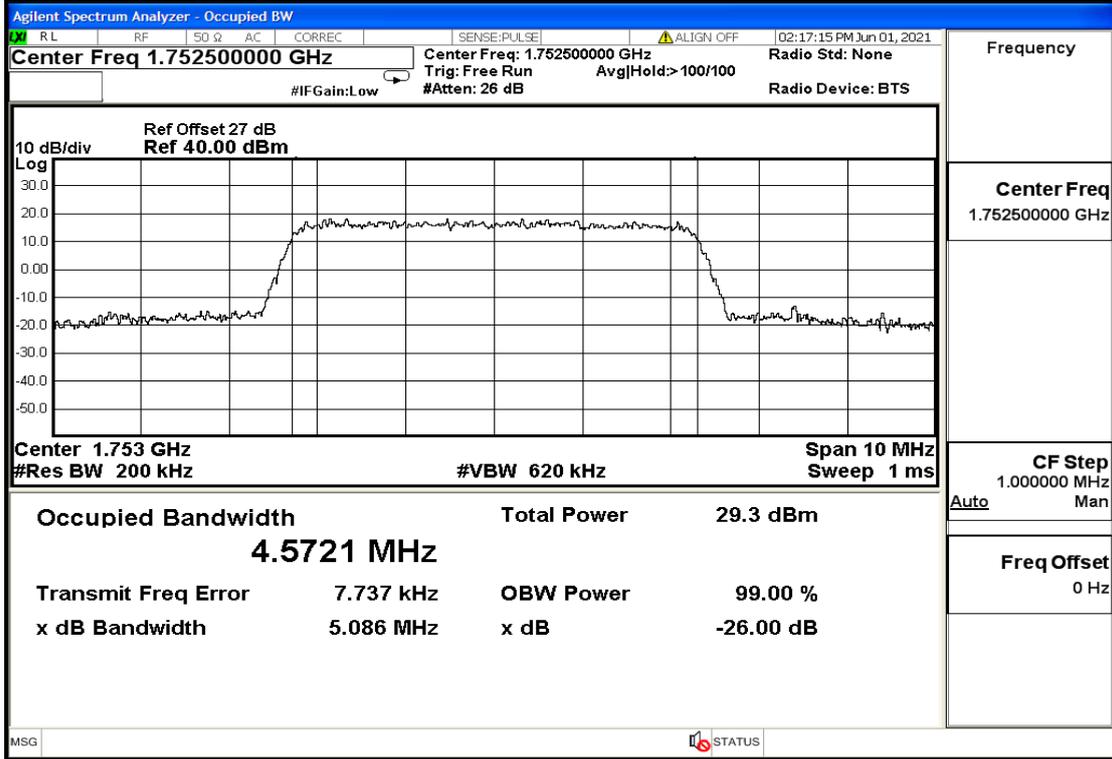
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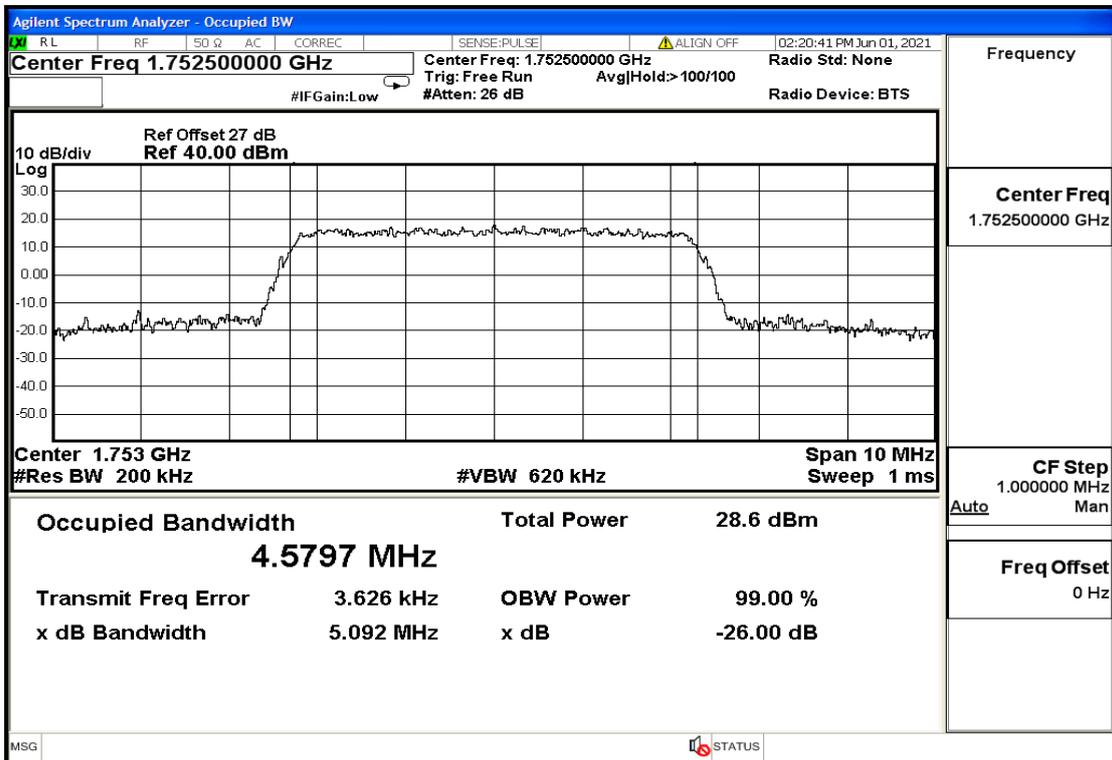
Band4-10-1715-QPSK-50#LOW@26dB and 99PCT Bandwidth
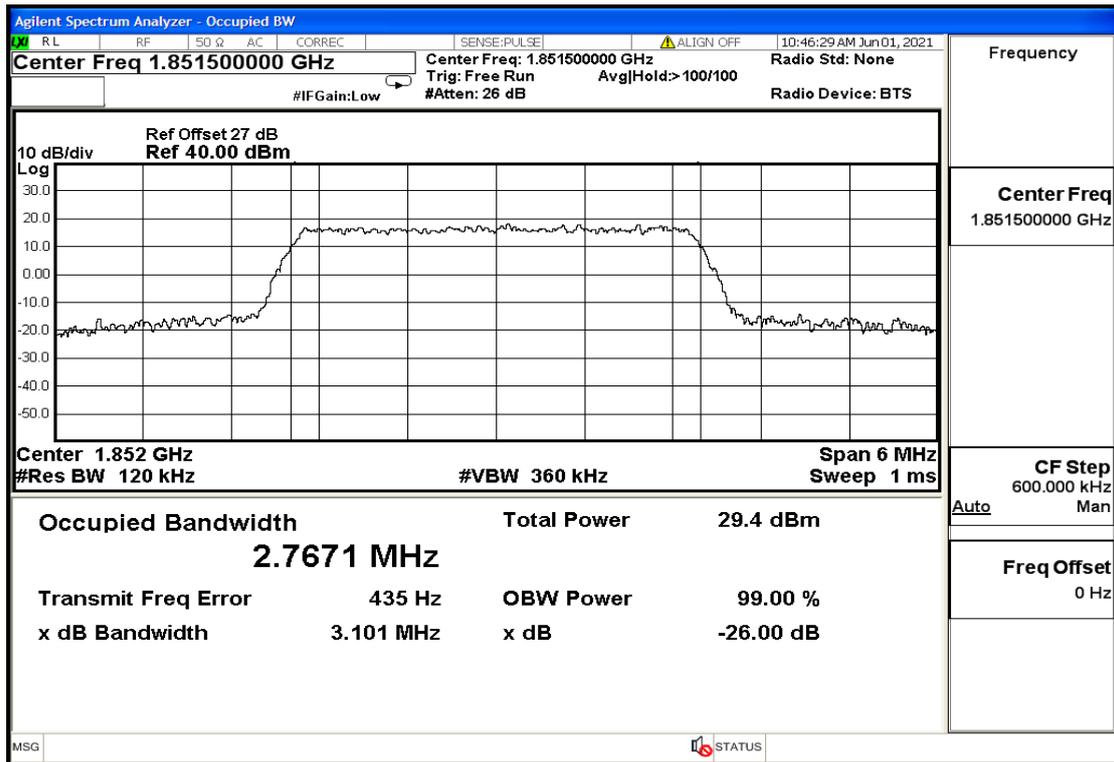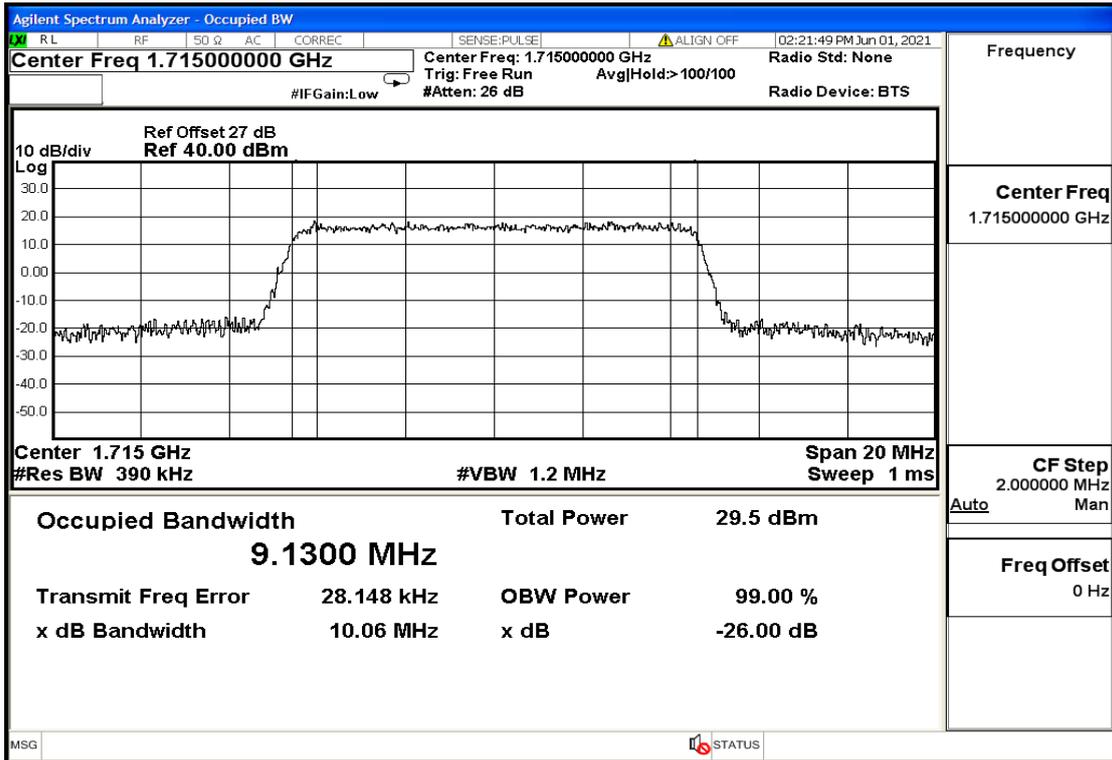

Band4-10-1715-16QAM-50#LOW@26dB and 99PCT Bandwidth
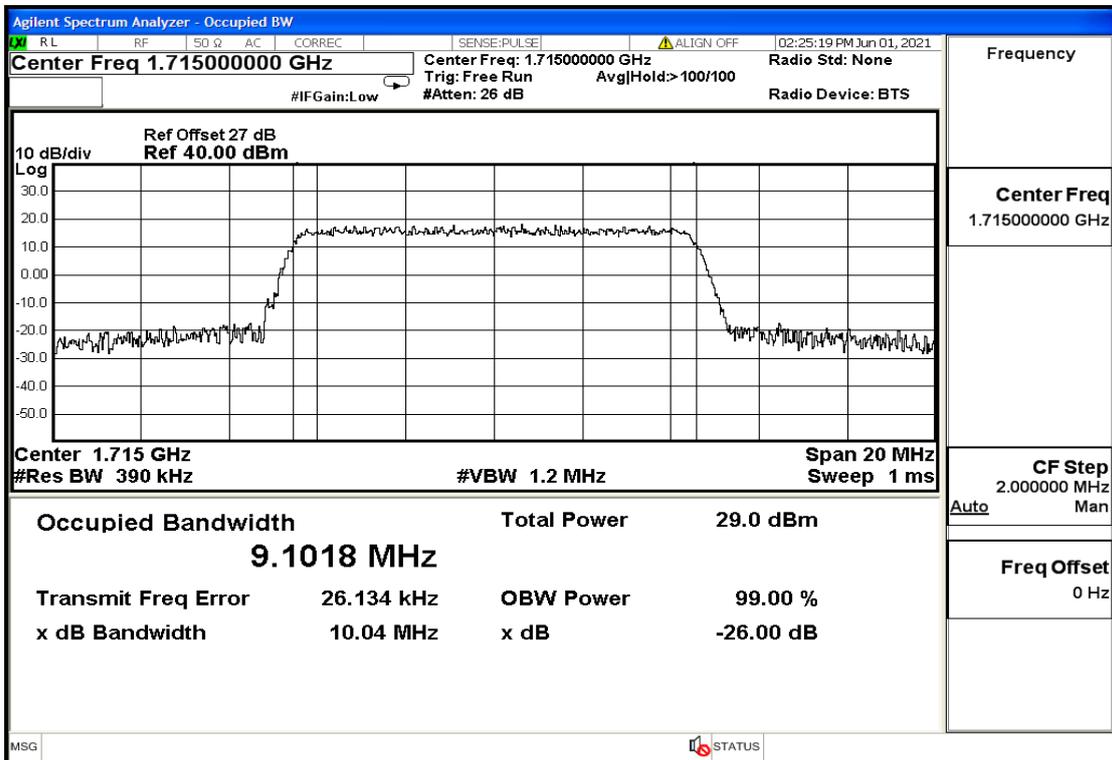
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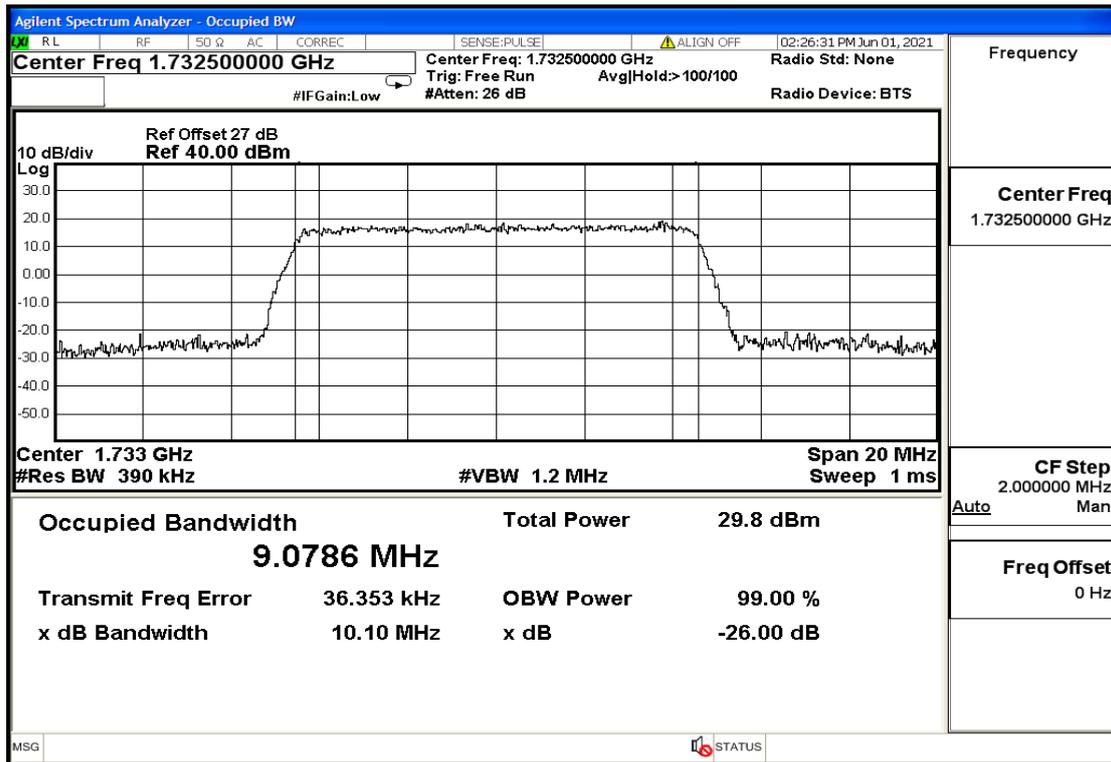
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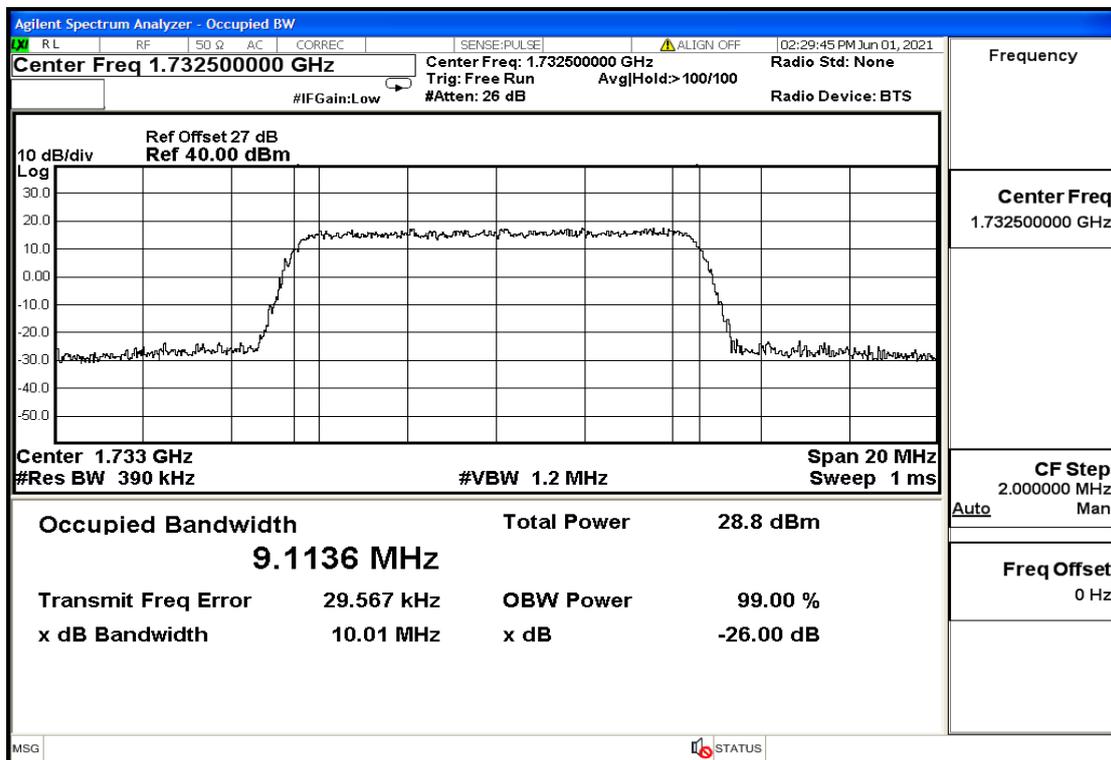
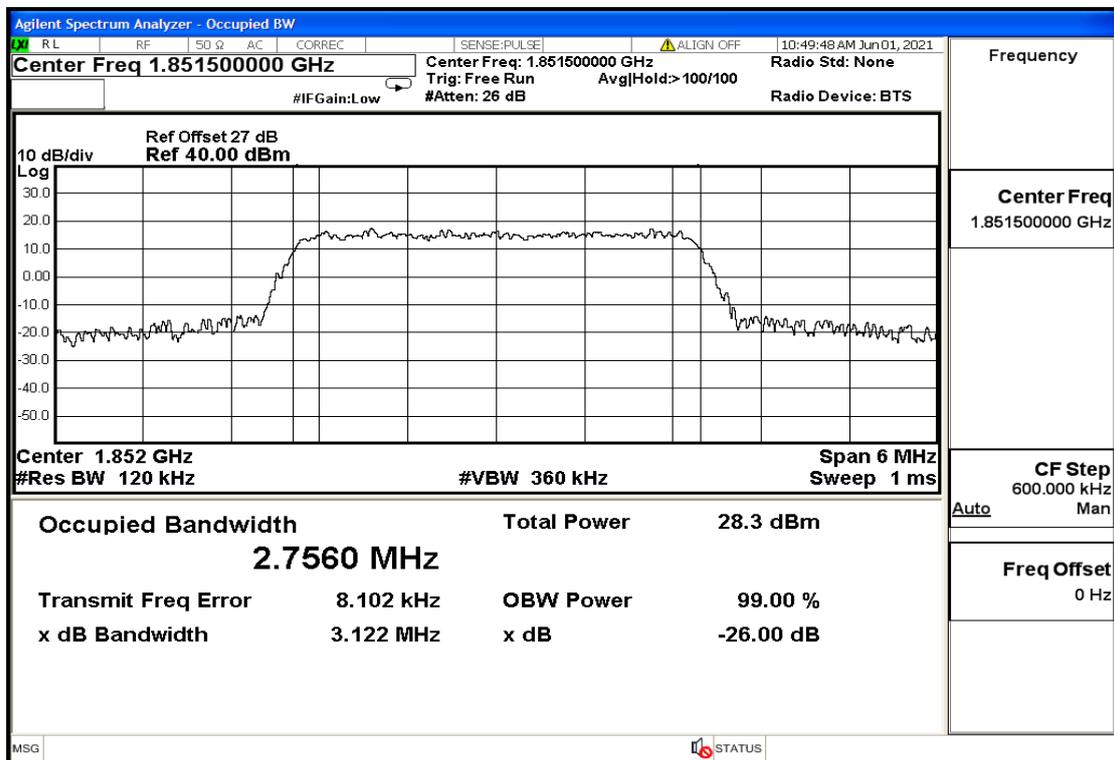Band4-10-1750-QPSK-50#LOW@26dB and 99PCT Bandwidth
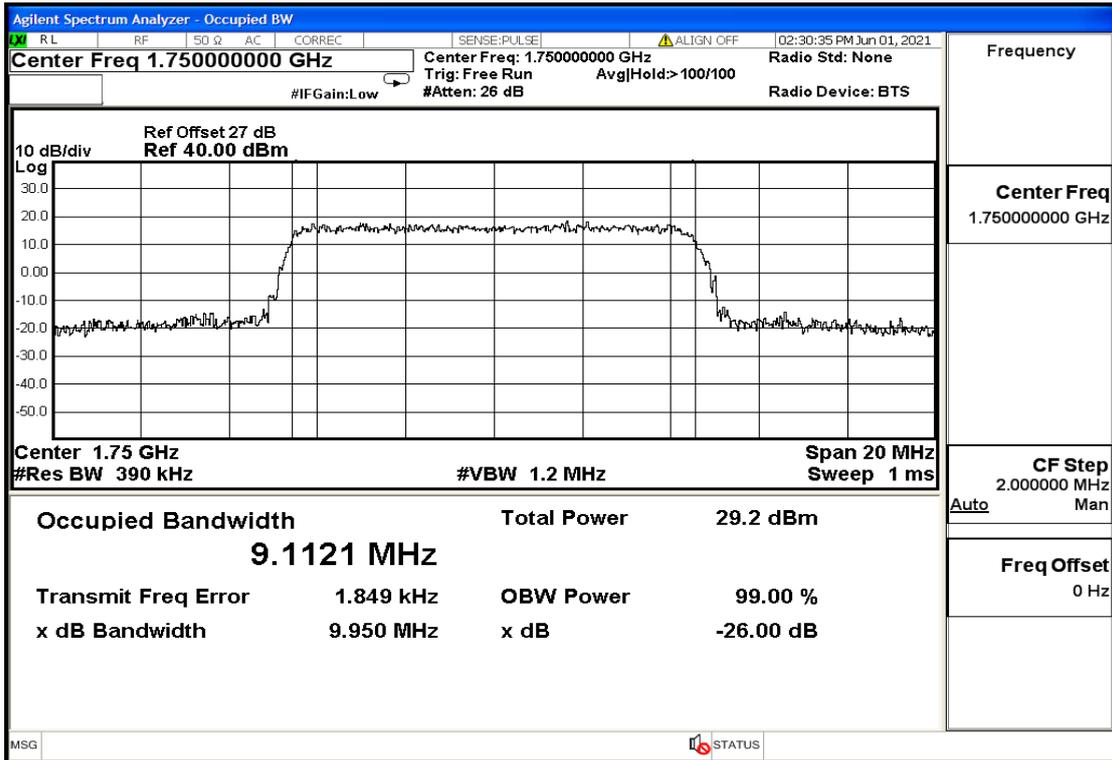
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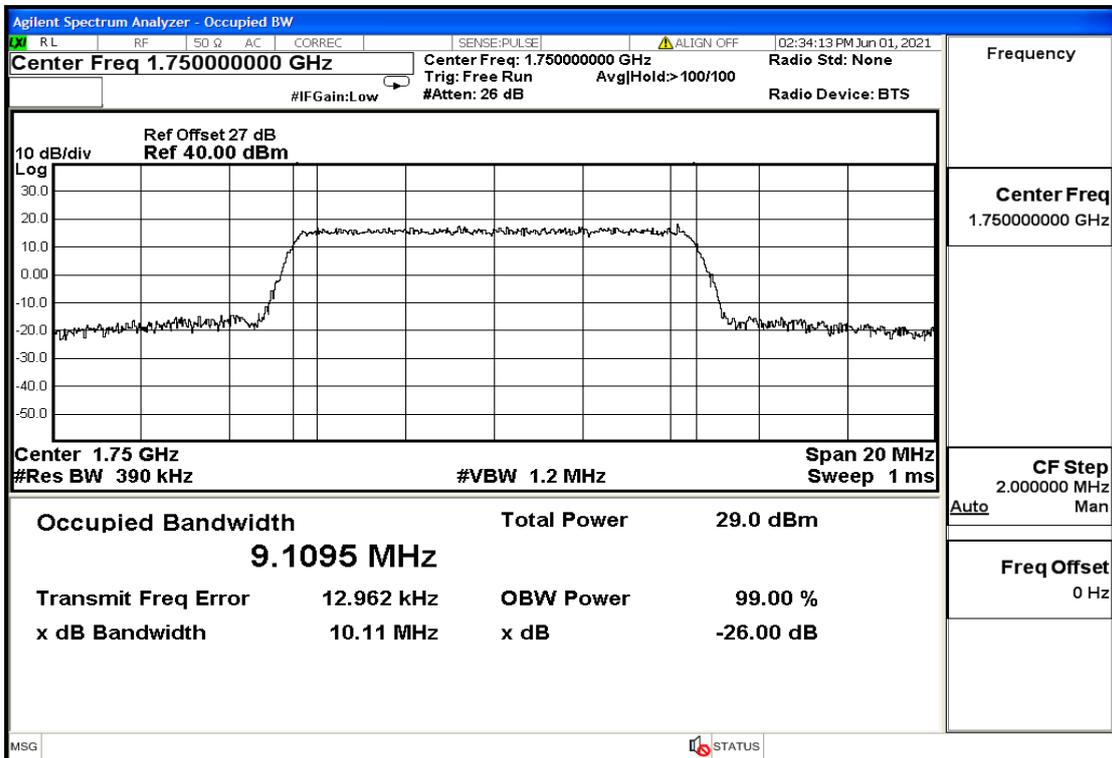
Band4-15-1717.5-QPSK-75#LOW@26dB and 99PCT Bandwidth
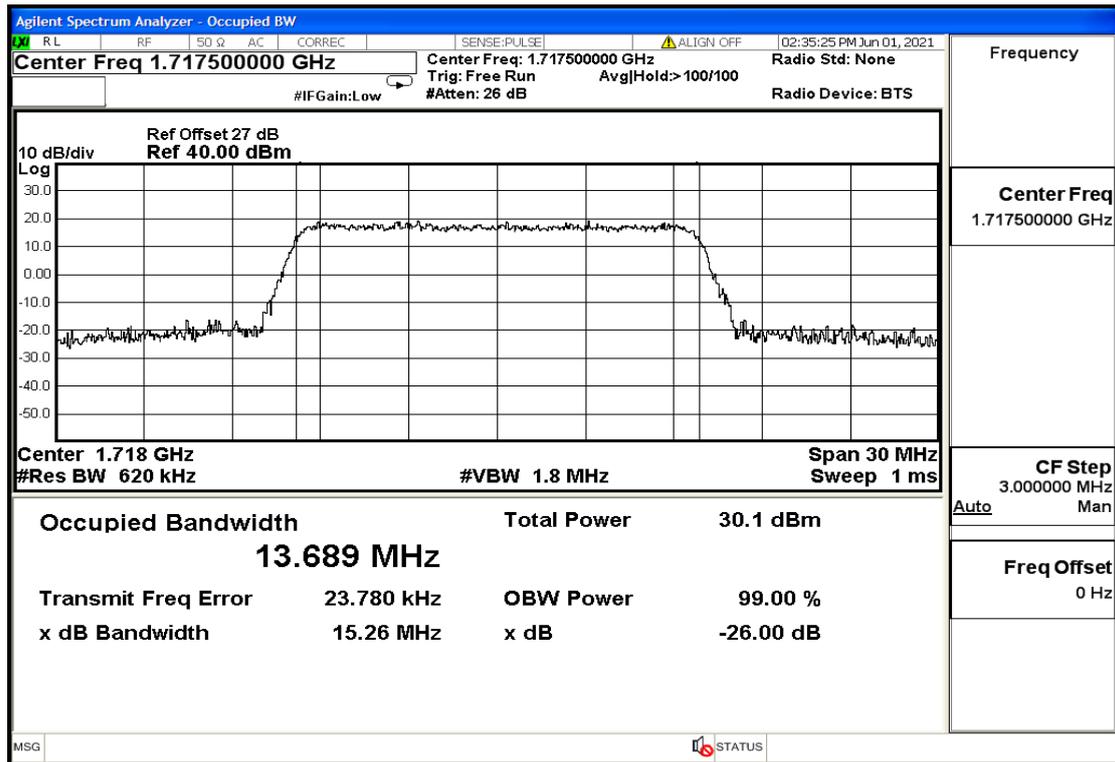
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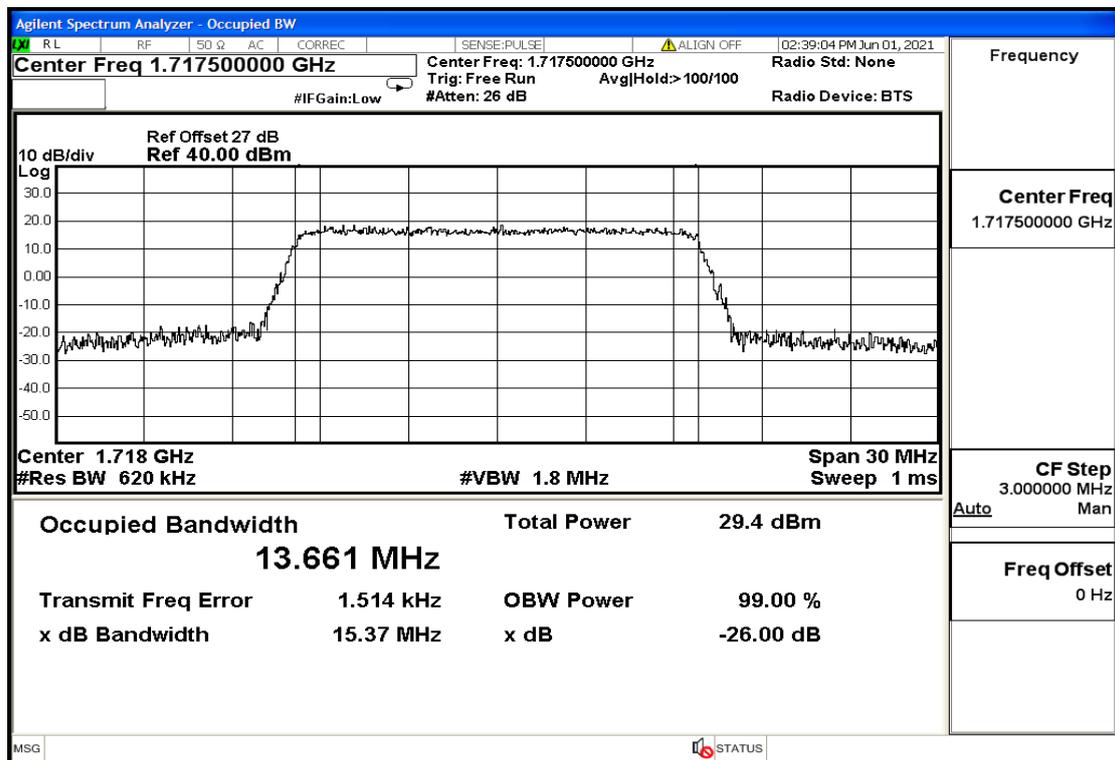
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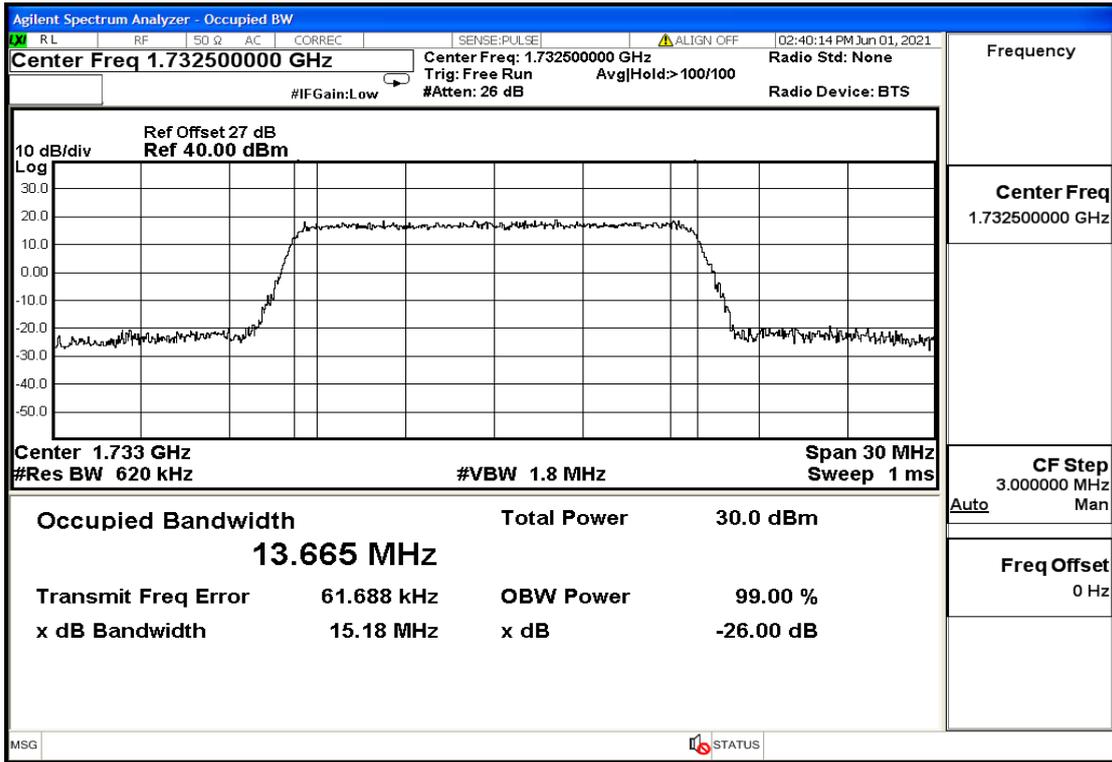
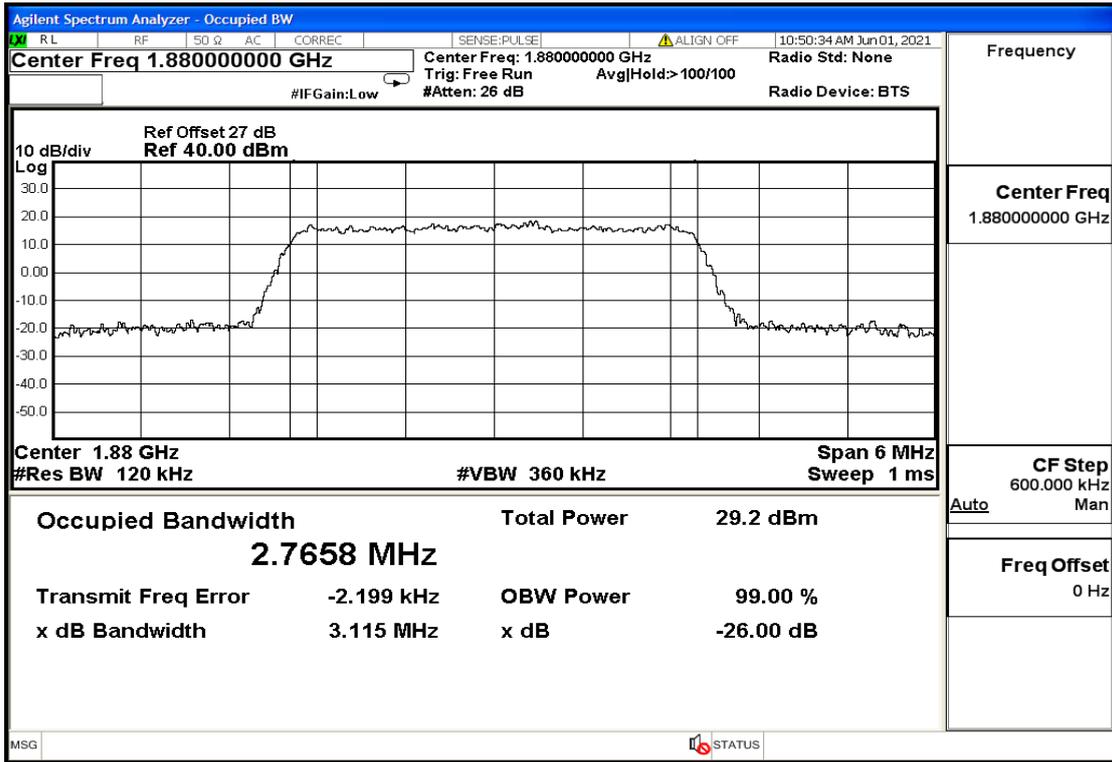Band4-15-1732.5-16QAM-75#LOW@26dB and 99PCT Bandwidth
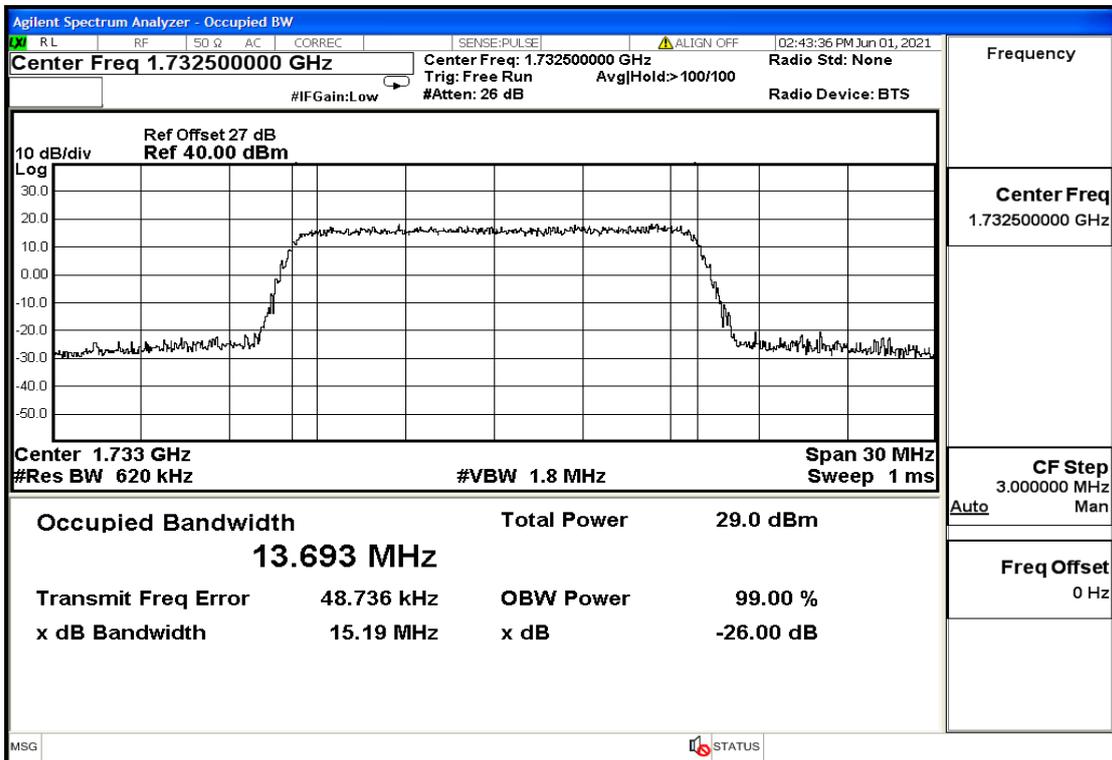
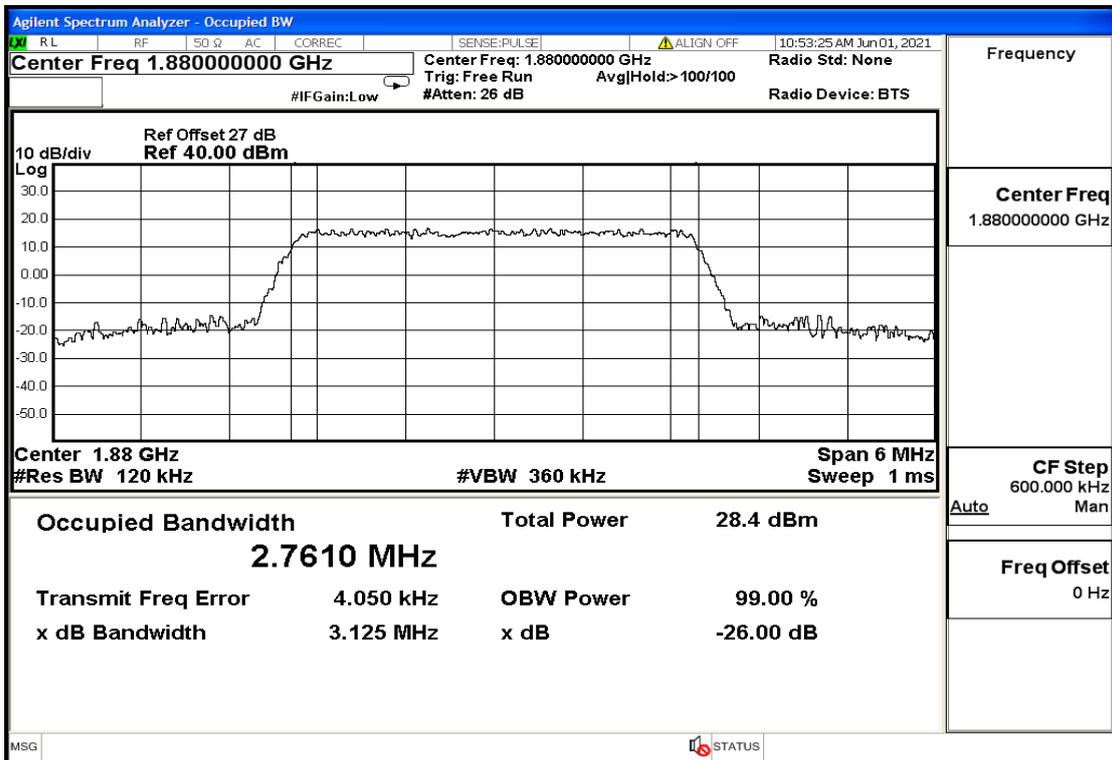Band4-15-1747.5-QPSK-75#LOW@26dB and 99PCT Bandwidth
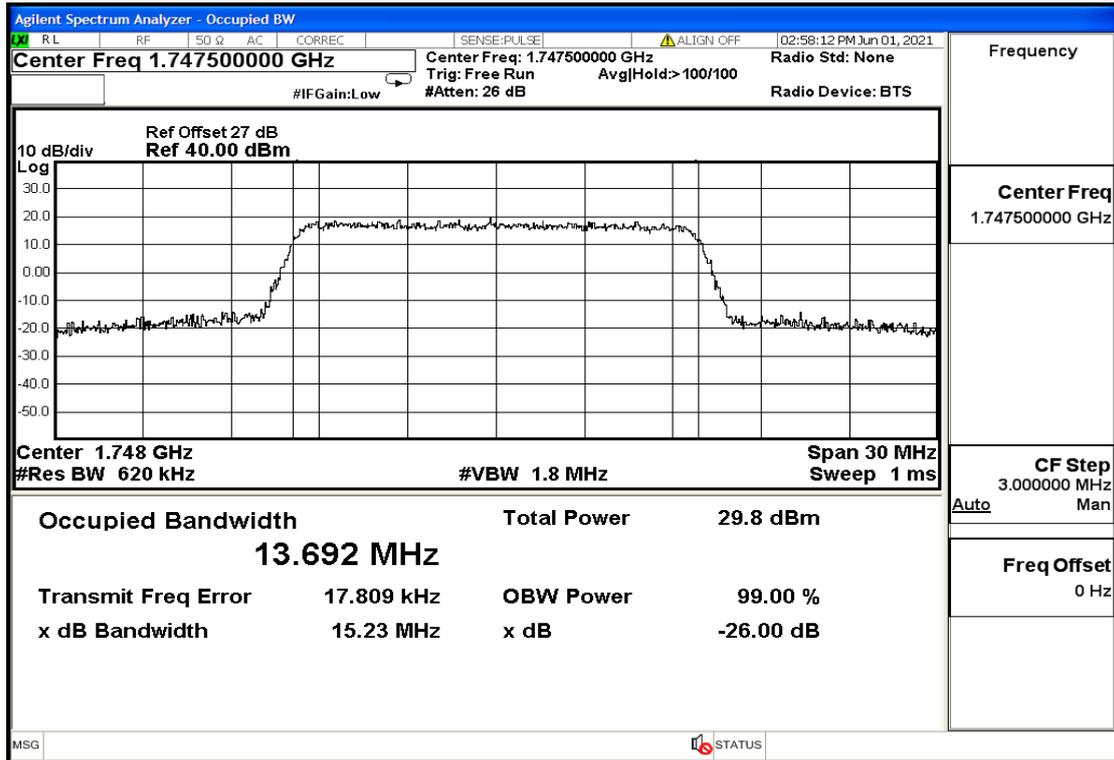
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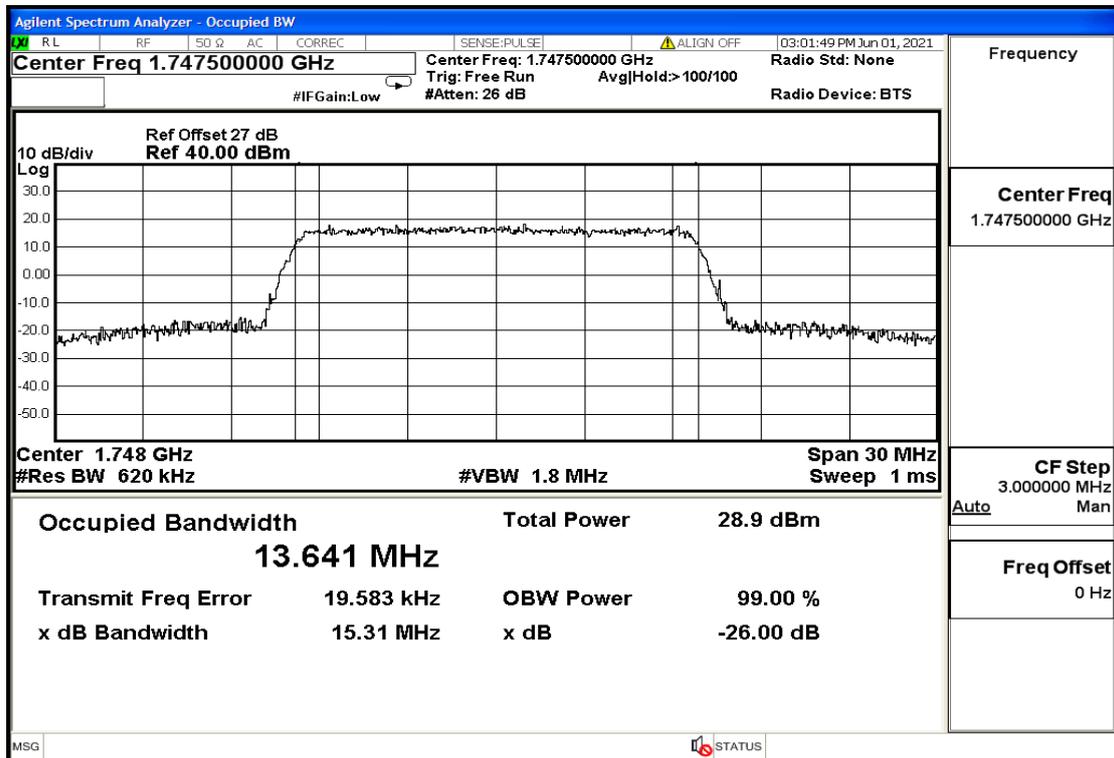
Band4-20-1720-QPSK-100#LOW@26dB and 99PCT Bandwidth
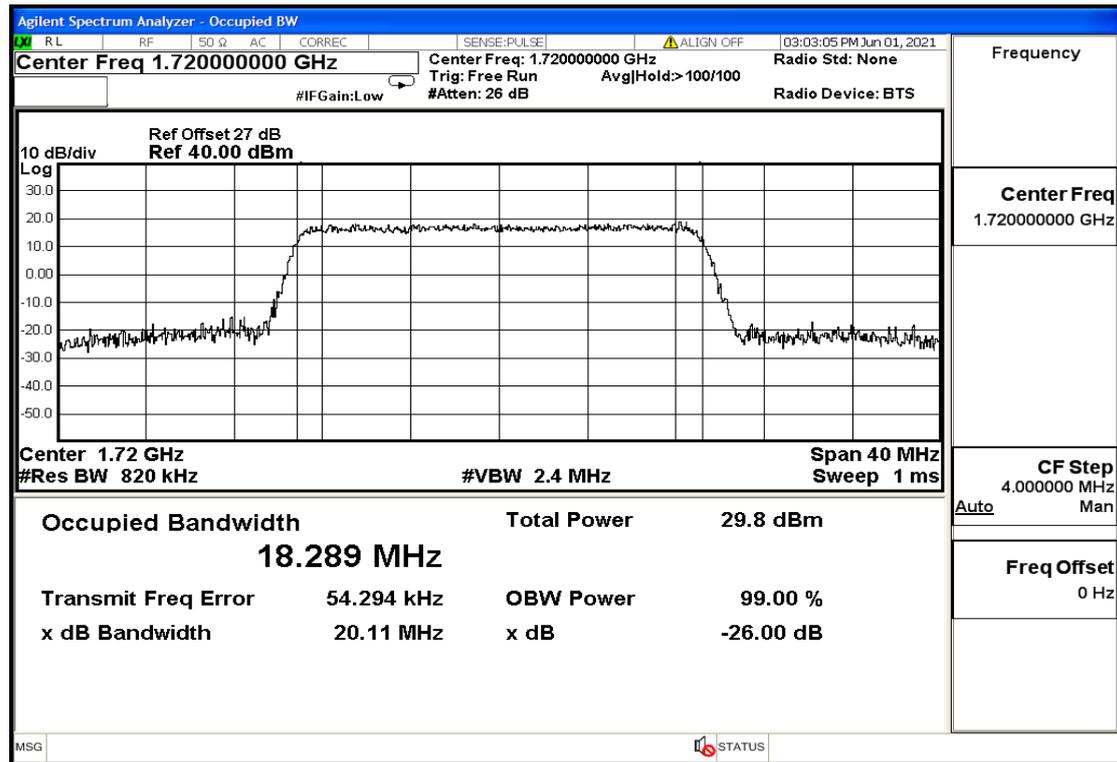
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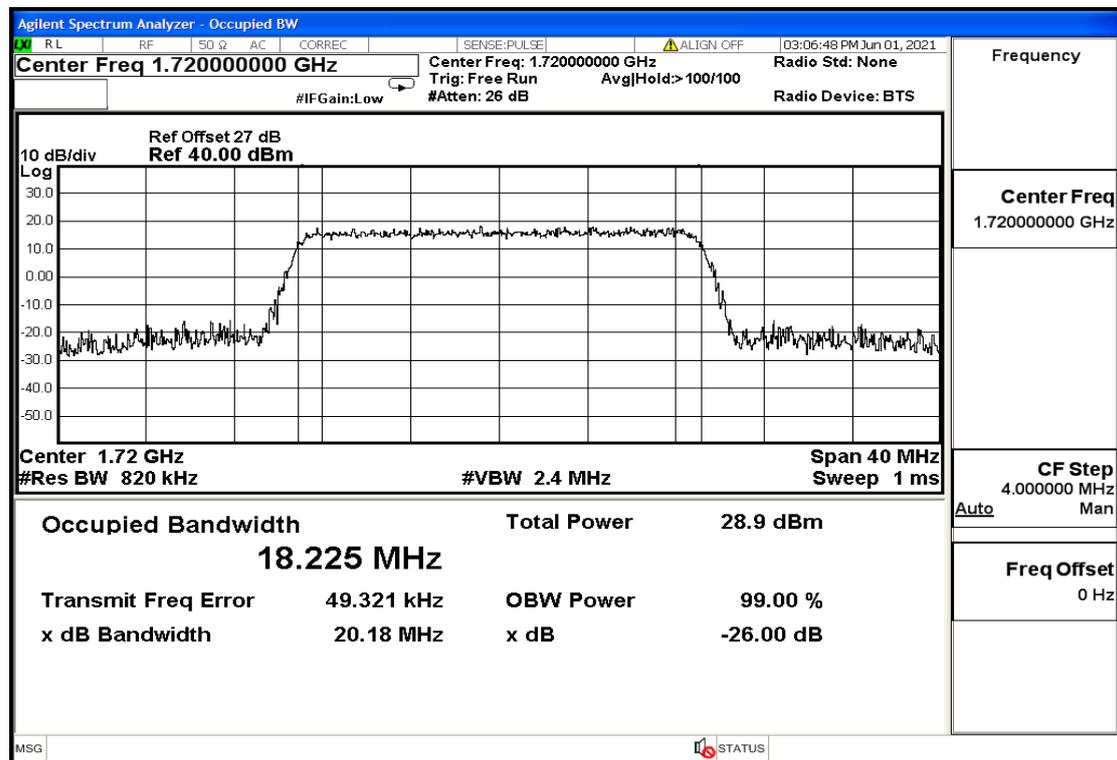
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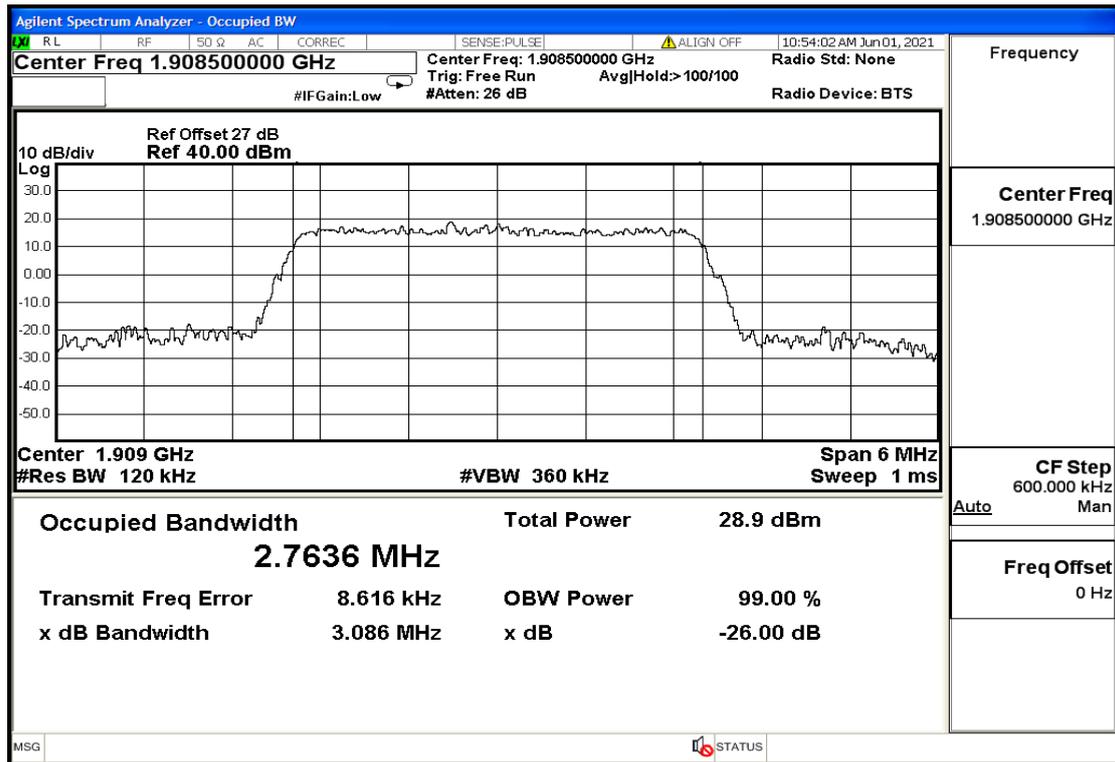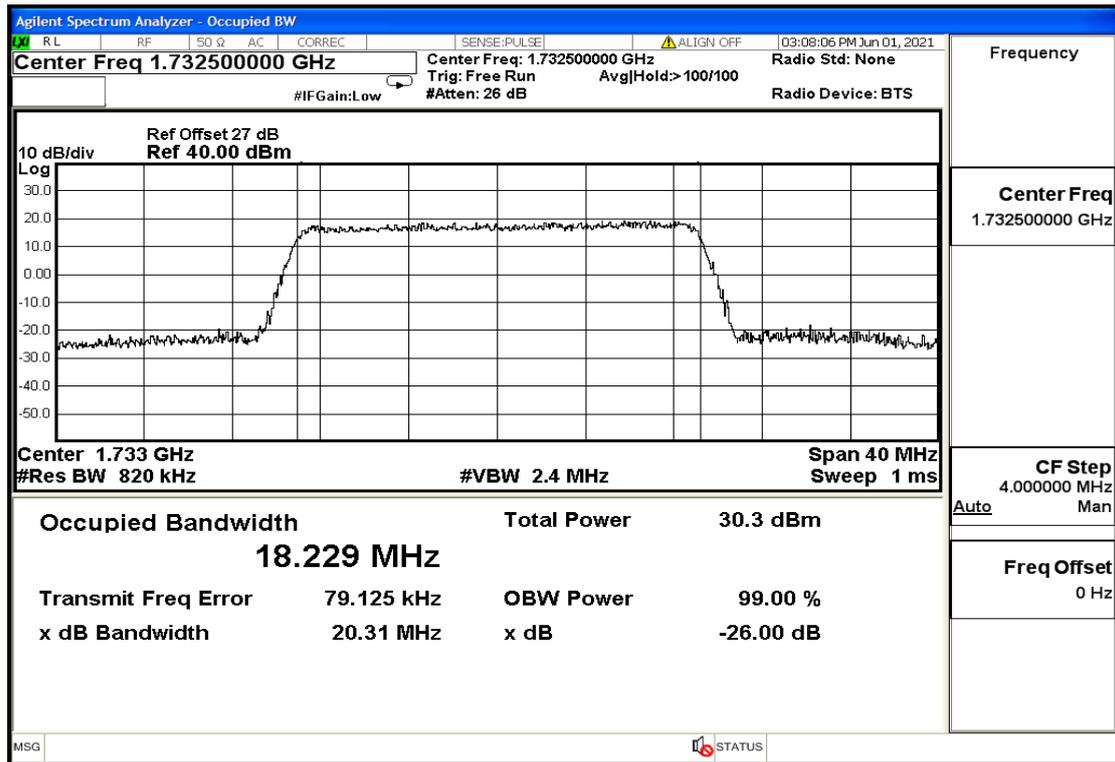

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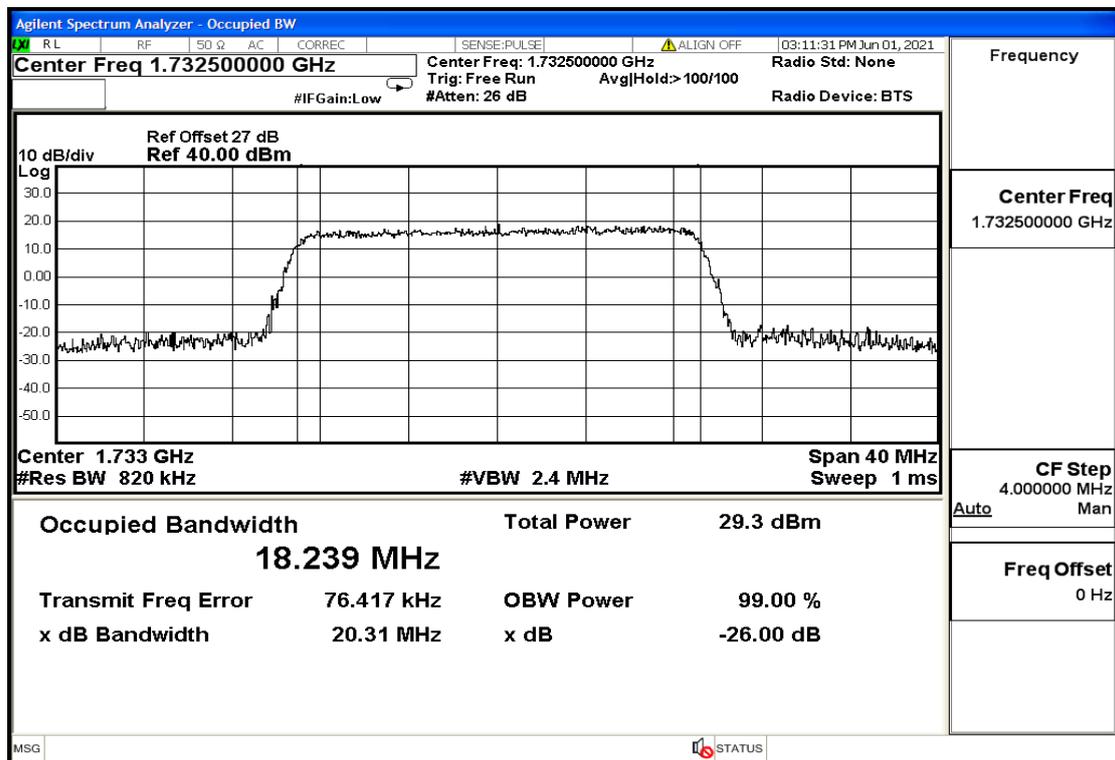
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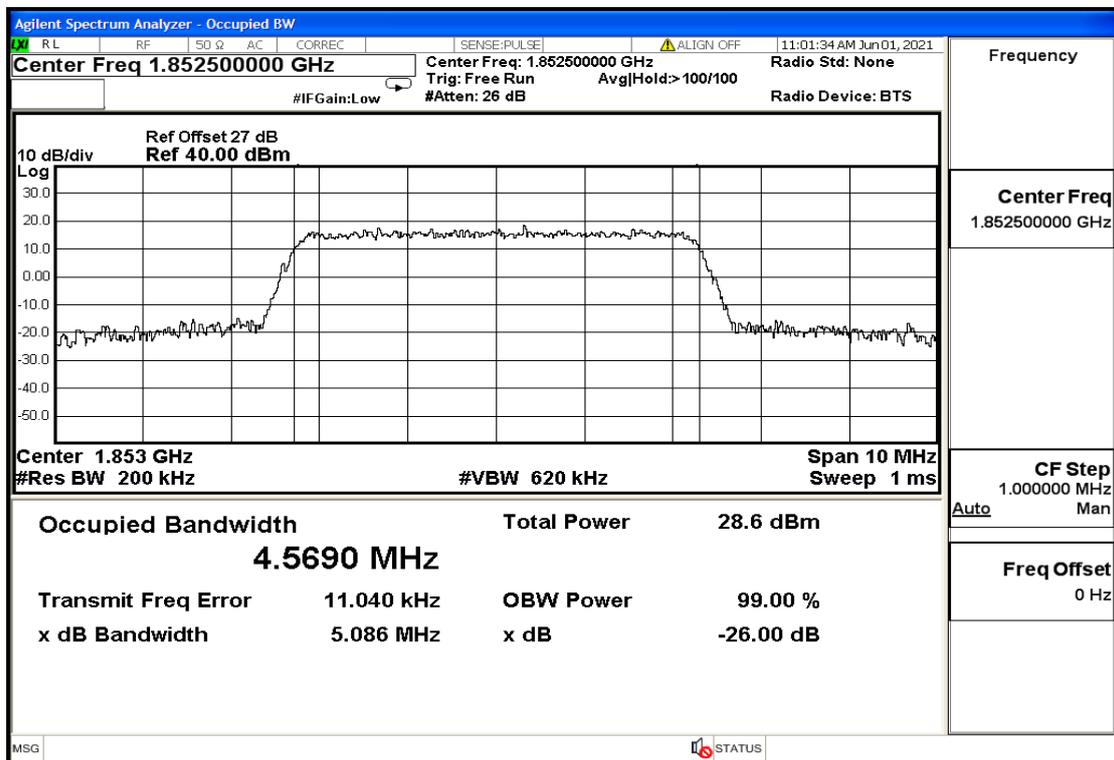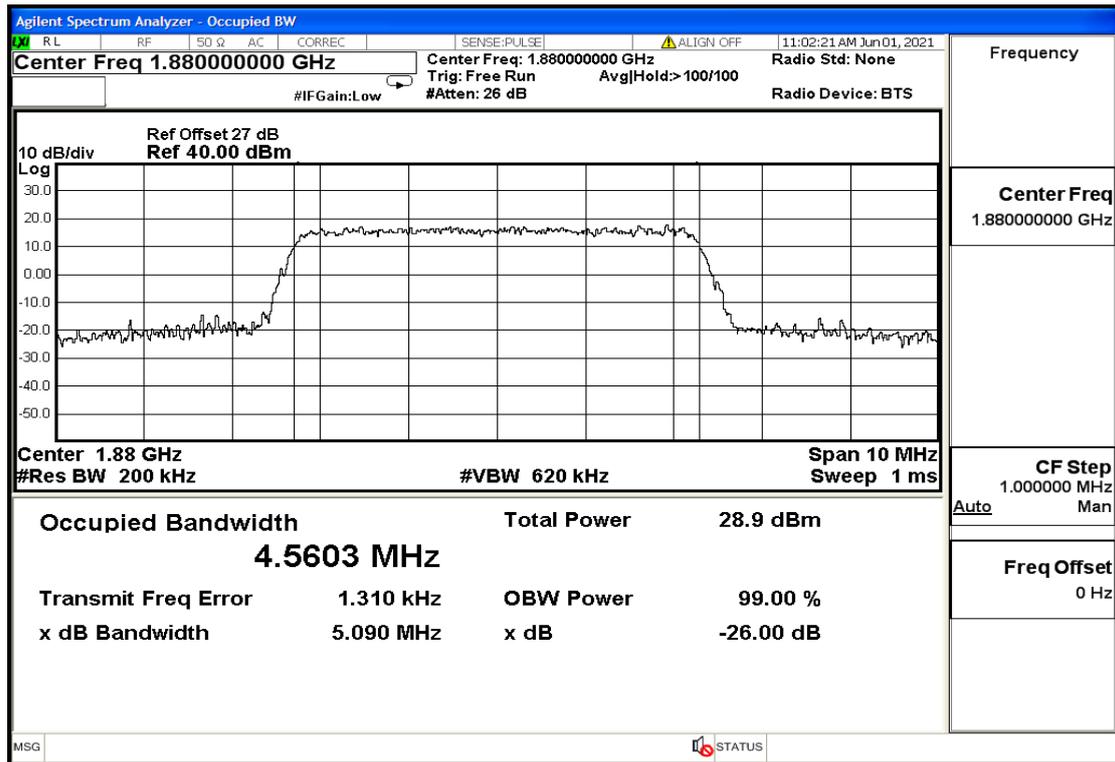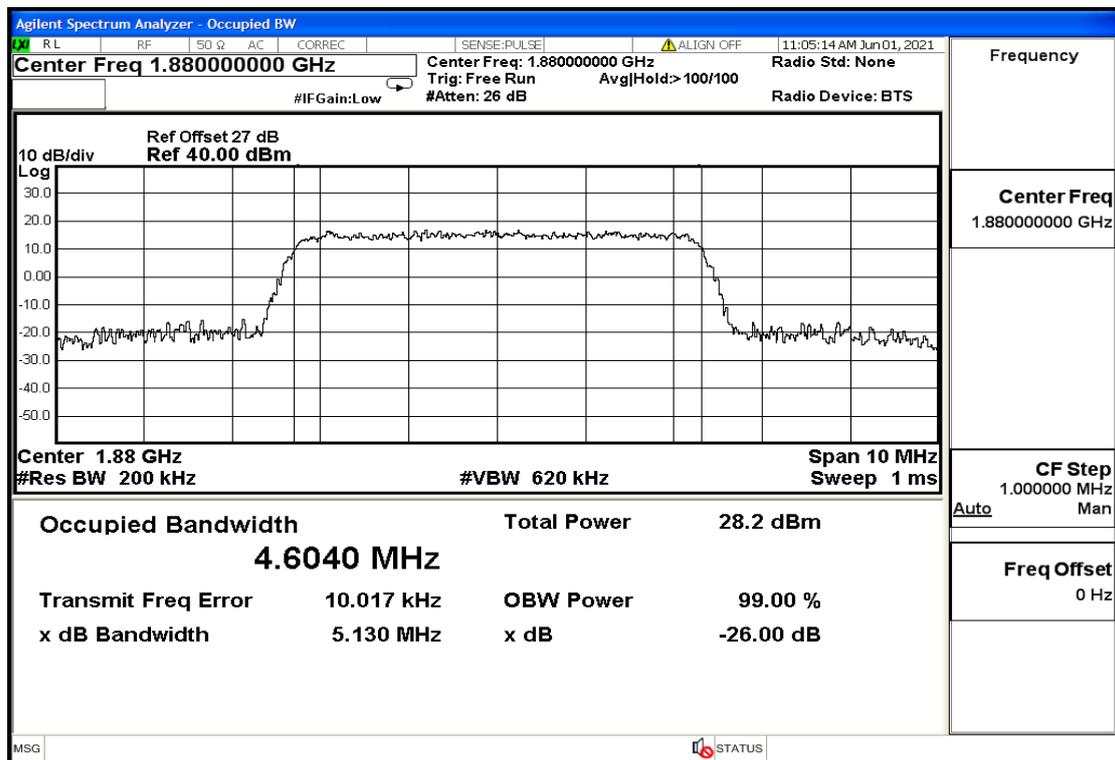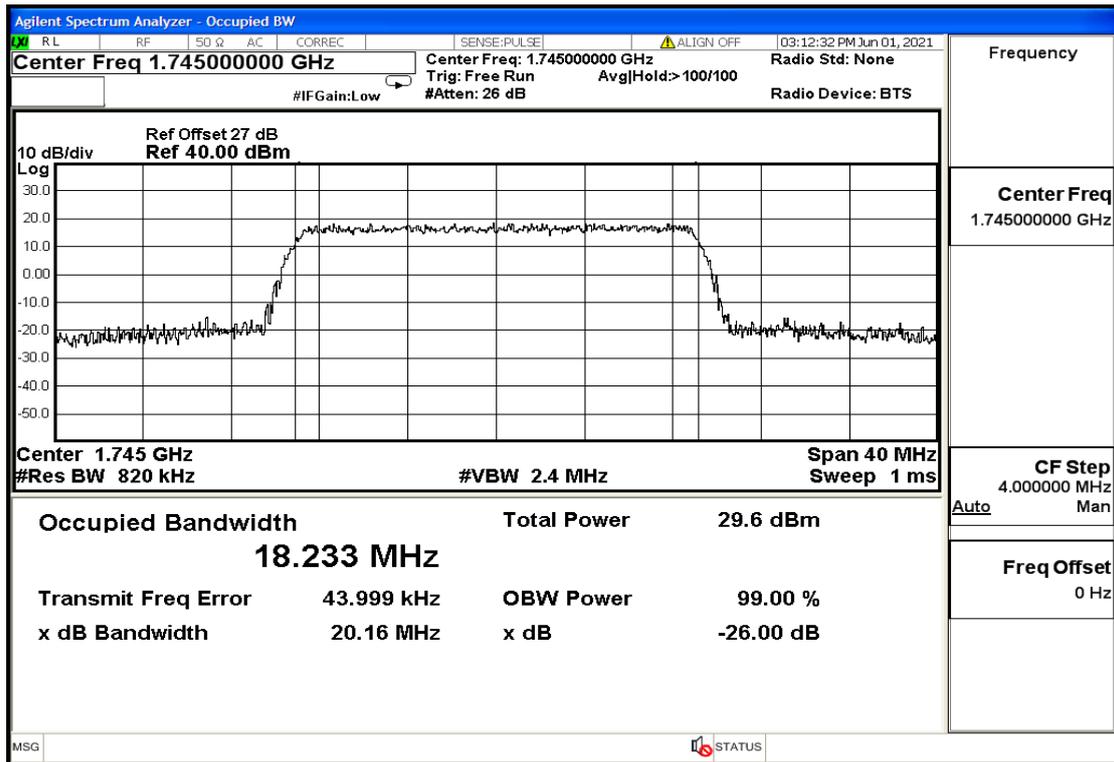

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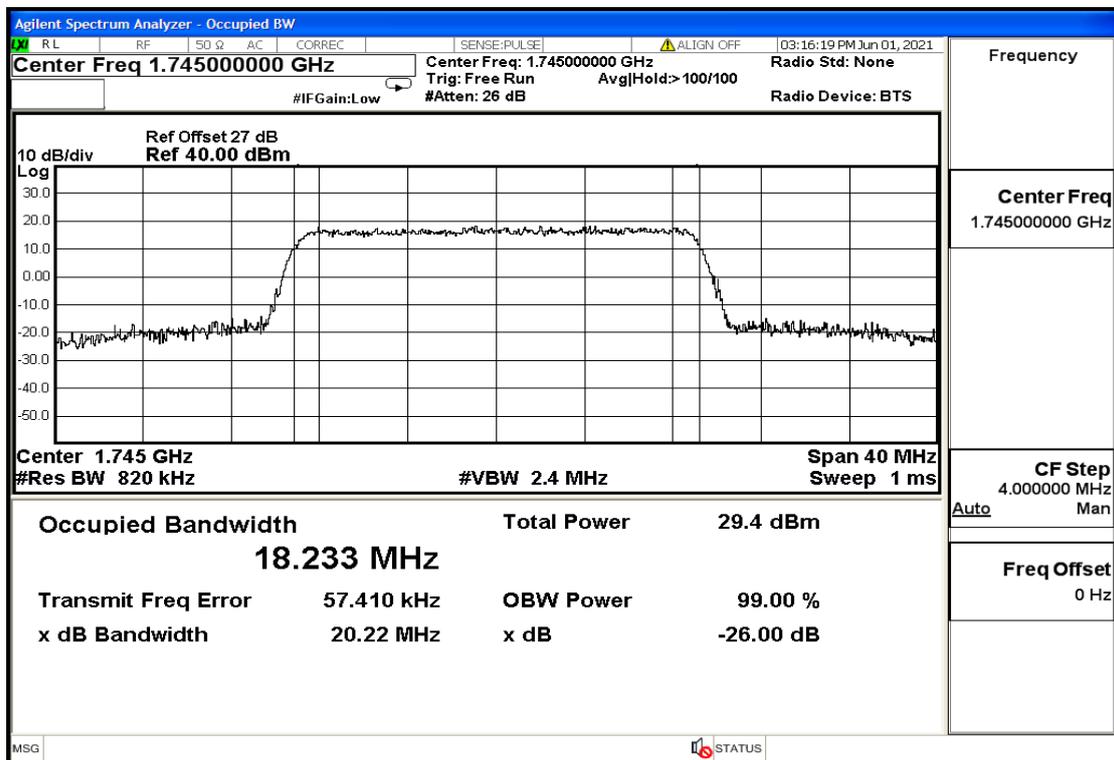
Frequency Stability

Test Conditions		LTE Band 2(QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 5MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0070	
40	Normal Voltage	0.0001	
30	Normal Voltage	0.0002	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0007	
0	Normal Voltage	0.0006	
-10	Normal Voltage	0.0075	PASS
-20	Normal Voltage	0.0059	
-30	Normal Voltage	0.0072	
20	Maximum Voltage	0.0007	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0067	

Test Conditions		LTE Band 4 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 5MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0074	
40	Normal Voltage	0.0001	
30	Normal Voltage	0.0002	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0006	
-10	Normal Voltage	0.0077	PASS
-20	Normal Voltage	0.0058	
-30	Normal Voltage	0.0061	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0069	

Peak and Average Power

Band	Bandwidth(MHz)	UL Frequency(MHz)	Modulation	RB Size	RB Offset	Average Power	Peak Power	Peak to Average(dB)	limit(dB)	AntGain(dBi)	ERP/EIRP(dBm)	Limit(dBm)	Conclusion
Band2	1.4	1850.7	QPSK	6	LOW	20.62	26.24	5.62	13	1.23	21.85	33	Pass
Band2	1.4	1850.7	QPSK	3	LOW	21.67	26.19	4.52	13	1.23	22.9	33	Pass
Band2	1.4	1850.7	QPSK	3	MID	21.76	26.19	4.43	13	1.23	22.99	33	Pass
Band2	1.4	1850.7	QPSK	3	HIGH	21.78	26.09	4.31	13	1.23	23.01	33	Pass
Band2	1.4	1850.7	QPSK	1	LOW	21.71	25.64	3.93	13	1.23	22.94	33	Pass
Band2	1.4	1850.7	QPSK	1	MID	21.65	25.58	3.93	13	1.23	22.88	33	Pass
Band2	1.4	1850.7	QPSK	1	HIGH	21.72	25.58	3.86	13	1.23	22.95	33	Pass
Band2	1.4	1850.7	16QAM	6	LOW	19.97	26.36	6.39	13	1.23	21.2	33	Pass
Band2	1.4	1850.7	16QAM	3	LOW	20.83	25.74	4.91	13	1.23	22.06	33	Pass
Band2	1.4	1850.7	16QAM	3	MID	20.83	25.72	4.89	13	1.23	22.06	33	Pass
Band2	1.4	1850.7	16QAM	3	HIGH	20.88	25.85	4.97	13	1.23	22.11	33	Pass
Band2	1.4	1850.7	16QAM	1	LOW	21.53	25.59	4.06	13	1.23	22.76	33	Pass
Band2	1.4	1850.7	16QAM	1	MID	21.44	25.56	4.12	13	1.23	22.67	33	Pass
Band2	1.4	1850.7	16QAM	1	HIGH	21.66	25.64	3.98	13	1.23	22.89	33	Pass
Band2	1.4	1880	QPSK	6	LOW	20.86	26.11	5.25	13	1.23	22.09	33	Pass
Band2	1.4	1880	QPSK	3	LOW	21.8	26.1	4.3	13	1.23	23.03	33	Pass
Band2	1.4	1880	QPSK	3	MID	21.79	26.11	4.32	13	1.23	23.02	33	Pass
Band2	1.4	1880	QPSK	3	HIGH	21.79	26.05	4.26	13	1.23	23.02	33	Pass
Band2	1.4	1880	QPSK	1	LOW	21.83	25.75	3.92	13	1.23	23.06	33	Pass
Band2	1.4	1880	QPSK	1	MID	21.88	25.75	3.87	13	1.23	23.11	33	Pass
Band2	1.4	1880	QPSK	1	HIGH	21.73	25.73	4	13	1.23	22.96	33	Pass
Band2	1.4	1880	16QAM	6	LOW	19.94	26.07	6.13	13	1.23	21.17	33	Pass
Band2	1.4	1880	16QAM	3	LOW	20.78	25.98	5.2	13	1.23	22.01	33	Pass
Band2	1.4	1880	16QAM	3	MID	20.77	25.98	5.21	13	1.23	22	33	Pass
Band2	1.4	1880	16QAM	3	HIGH	20.8	26.11	5.31	13	1.23	22.03	33	Pass
Band2	1.4	1880	16QAM	1	LOW	21.4	25.76	4.36	13	1.23	22.63	33	Pass
Band2	1.4	1880	16QAM	1	MID	21.35	25.4	4.05	13	1.23	22.58	33	Pass
Band2	1.4	1880	16QAM	1	HIGH	21.31	25.42	4.11	13	1.23	22.54	33	Pass
Band2	1.4	1909.3	QPSK	6	LOW	20.92	26.56	5.64	13	1.23	22.15	33	Pass
Band2	1.4	1909.3	QPSK	3	LOW	22	26.79	4.79	13	1.23	23.23	33	Pass
Band2	1.4	1909.3	QPSK	3	MID	22.05	26.81	4.76	13	1.23	23.28	33	Pass
Band2	1.4	1909.3	QPSK	3	HIGH	22.06	26.95	4.89	13	1.23	23.29	33	Pass
Band2	1.4	1909.3	QPSK	1	LOW	22.07	26.19	4.12	13	1.23	23.3	33	Pass
Band2	1.4	1909.3	QPSK	1	MID	21.83	26.11	4.28	13	1.23	23.06	33	Pass
Band2	1.4	1909.3	QPSK	1	HIGH	21.88	26.6	4.72	13	1.23	23.11	33	Pass
Band2	1.4	1909.3	16QAM	6	LOW	20.51	26.89	6.38	13	1.23	21.74	33	Pass
Band2	1.4	1909.3	16QAM	3	LOW	21.19	26.8	5.61	13	1.23	22.42	33	Pass
Band2	1.4	1909.3	16QAM	3	MID	21.2	26.78	5.58	13	1.23	22.43	33	Pass
Band2	1.4	1909.3	16QAM	3	HIGH	21.22	26.73	5.51	13	1.23	22.45	33	Pass
Band2	1.4	1909.3	16QAM	1	LOW	21.09	25.86	4.77	13	1.23	22.32	33	Pass

Band2	1.4	1909.3	16QAM	1	MID	21.18	25.85	4.67	13	1.23	22.41	33	Pass
Band2	1.4	1909.3	16QAM	1	HIGH	21.36	25.87	4.51	13	1.23	22.59	33	Pass
Band2	3	1851.5	QPSK	15	LOW	20.78	26.1	5.32	13	1.23	22.01	33	Pass
Band2	3	1851.5	QPSK	8	LOW	20.81	25.68	4.87	13	1.23	22.04	33	Pass
Band2	3	1851.5	QPSK	8	MID	20.81	25.85	5.04	13	1.23	22.04	33	Pass
Band2	3	1851.5	QPSK	8	HIGH	20.76	25.83	5.07	13	1.23	21.99	33	Pass
Band2	3	1851.5	QPSK	1	LOW	21.69	25.39	3.7	13	1.23	22.92	33	Pass
Band2	3	1851.5	QPSK	1	MID	21.67	25.38	3.71	13	1.23	22.9	33	Pass
Band2	3	1851.5	QPSK	1	HIGH	21.72	25.43	3.71	13	1.23	22.95	33	Pass
Band2	3	1851.5	16QAM	15	LOW	19.84	26.49	6.65	13	1.23	21.07	33	Pass
Band2	3	1851.5	16QAM	8	LOW	19.96	25.77	5.81	13	1.23	21.19	33	Pass
Band2	3	1851.5	16QAM	8	MID	19.97	25.75	5.78	13	1.23	21.2	33	Pass
Band2	3	1851.5	16QAM	8	HIGH	20.08	25.87	5.79	13	1.23	21.31	33	Pass
Band2	3	1851.5	16QAM	1	LOW	21.17	25.67	4.5	13	1.23	22.4	33	Pass
Band2	3	1851.5	16QAM	1	MID	21.22	25.66	4.44	13	1.23	22.45	33	Pass
Band2	3	1851.5	16QAM	1	HIGH	21.17	25.7	4.53	13	1.23	22.4	33	Pass
Band2	3	1880	QPSK	15	LOW	20.76	26.18	5.42	13	1.23	21.99	33	Pass
Band2	3	1880	QPSK	8	LOW	20.69	26.01	5.32	13	1.23	21.92	33	Pass
Band2	3	1880	QPSK	8	MID	20.69	26.01	5.32	13	1.23	21.92	33	Pass
Band2	3	1880	QPSK	8	HIGH	20.72	25.99	5.27	13	1.23	21.95	33	Pass
Band2	3	1880	QPSK	1	LOW	21.75	25.71	3.96	13	1.23	22.98	33	Pass
Band2	3	1880	QPSK	1	MID	21.93	25.72	3.79	13	1.23	23.16	33	Pass
Band2	3	1880	QPSK	1	HIGH	21.86	25.76	3.9	13	1.23	23.09	33	Pass
Band2	3	1880	16QAM	15	LOW	19.87	26.63	6.76	13	1.23	21.1	33	Pass
Band2	3	1880	16QAM	8	LOW	19.78	25.57	5.79	13	1.23	21.01	33	Pass
Band2	3	1880	16QAM	8	MID	19.79	25.57	5.78	13	1.23	21.02	33	Pass
Band2	3	1880	16QAM	8	HIGH	19.84	25.69	5.85	13	1.23	21.07	33	Pass
Band2	3	1880	16QAM	1	LOW	20.96	25.29	4.33	13	1.23	22.19	33	Pass
Band2	3	1880	16QAM	1	MID	21.07	25.96	4.89	13	1.23	22.3	33	Pass
Band2	3	1880	16QAM	1	HIGH	21	25.48	4.48	13	1.23	22.23	33	Pass
Band2	3	1908.5	QPSK	15	LOW	21.04	27.58	6.54	13	1.23	22.27	33	Pass
Band2	3	1908.5	QPSK	8	LOW	20.88	26.81	5.93	13	1.23	22.11	33	Pass
Band2	3	1908.5	QPSK	8	MID	20.89	26.79	5.9	13	1.23	22.12	33	Pass
Band2	3	1908.5	QPSK	8	HIGH	20.99	26.57	5.58	13	1.23	22.22	33	Pass
Band2	3	1908.5	QPSK	1	LOW	21.85	26.22	4.37	13	1.23	23.08	33	Pass
Band2	3	1908.5	QPSK	1	MID	21.87	26.25	4.38	13	1.23	23.1	33	Pass
Band2	3	1908.5	QPSK	1	HIGH	21.94	26.18	4.24	13	1.23	23.17	33	Pass
Band2	3	1908.5	16QAM	15	LOW	20.13	26.99	6.86	13	1.23	21.36	33	Pass
Band2	3	1908.5	16QAM	8	LOW	20.3	26.48	6.18	13	1.23	21.53	33	Pass
Band2	3	1908.5	16QAM	8	MID	20.31	26.24	5.93	13	1.23	21.54	33	Pass
Band2	3	1908.5	16QAM	8	HIGH	20.27	26.54	6.27	13	1.23	21.5	33	Pass
Band2	3	1908.5	16QAM	1	LOW	21.03	25.85	4.82	13	1.23	22.26	33	Pass
Band2	3	1908.5	16QAM	1	MID	20.96	25.85	4.89	13	1.23	22.19	33	Pass
Band2	3	1908.5	16QAM	1	HIGH	21.06	25.86	4.8	13	1.23	22.29	33	Pass
Band2	5	1852.5	QPSK	25	LOW	20.67	26.35	5.68	13	1.23	21.9	33	Pass
Band2	5	1852.5	QPSK	12	LOW	20.86	25.74	4.88	13	1.23	22.09	33	Pass

Band2	5	1852.5	QPSK	12	MID	20.86	25.84	4.98	13	1.23	22.09	33	Pass
Band2	5	1852.5	QPSK	12	HIGH	20.77	25.86	5.09	13	1.23	22	33	Pass
Band2	5	1852.5	QPSK	1	LOW	21.69	25.94	4.25	13	1.23	22.92	33	Pass
Band2	5	1852.5	QPSK	1	MID	21.67	25.85	4.18	13	1.23	22.9	33	Pass
Band2	5	1852.5	QPSK	1	HIGH	21.73	26.02	4.29	13	1.23	22.96	33	Pass
Band2	5	1852.5	16QAM	25	LOW	19.94	26.23	6.29	13	1.23	21.17	33	Pass
Band2	5	1852.5	16QAM	12	LOW	19.73	25.81	6.08	13	1.23	20.96	33	Pass
Band2	5	1852.5	16QAM	12	MID	19.74	25.87	6.13	13	1.23	20.97	33	Pass
Band2	5	1852.5	16QAM	12	HIGH	19.75	25.93	6.18	13	1.23	20.98	33	Pass
Band2	5	1852.5	16QAM	1	LOW	20.21	25.14	4.93	13	1.23	21.44	33	Pass
Band2	5	1852.5	16QAM	1	MID	20.12	25.14	5.02	13	1.23	21.35	33	Pass
Band2	5	1852.5	16QAM	1	HIGH	20.19	25.28	5.09	13	1.23	21.42	33	Pass
Band2	5	1880	QPSK	25	LOW	20.77	26.63	5.86	13	1.23	22	33	Pass
Band2	5	1880	QPSK	12	LOW	20.79	26.15	5.36	13	1.23	22.02	33	Pass
Band2	5	1880	QPSK	12	MID	20.79	26.28	5.49	13	1.23	22.02	33	Pass
Band2	5	1880	QPSK	12	HIGH	20.81	26.2	5.39	13	1.23	22.04	33	Pass
Band2	5	1880	QPSK	1	LOW	21.79	25.96	4.17	13	1.23	23.02	33	Pass
Band2	5	1880	QPSK	1	MID	21.86	25.72	3.86	13	1.23	23.09	33	Pass
Band2	5	1880	QPSK	1	HIGH	21.87	25.81	3.94	13	1.23	23.1	33	Pass
Band2	5	1880	16QAM	25	LOW	19.9	27.18	7.28	13	1.23	21.13	33	Pass
Band2	5	1880	16QAM	12	LOW	19.87	25.84	5.97	13	1.23	21.1	33	Pass
Band2	5	1880	16QAM	12	MID	19.76	25.8	6.04	13	1.23	20.99	33	Pass
Band2	5	1880	16QAM	12	HIGH	19.91	25.94	6.03	13	1.23	21.14	33	Pass
Band2	5	1880	16QAM	1	LOW	20.93	25.69	4.76	13	1.23	22.16	33	Pass
Band2	5	1880	16QAM	1	MID	21.06	25.68	4.62	13	1.23	22.29	33	Pass
Band2	5	1880	16QAM	1	HIGH	20.97	25.78	4.81	13	1.23	22.2	33	Pass
Band2	5	1907.5	QPSK	25	LOW	21.02	26.91	5.89	13	1.23	22.25	33	Pass
Band2	5	1907.5	QPSK	12	LOW	20.98	26.26	5.28	13	1.23	22.21	33	Pass
Band2	5	1907.5	QPSK	12	MID	20.98	26.44	5.46	13	1.23	22.21	33	Pass
Band2	5	1907.5	QPSK	12	HIGH	20.99	26.41	5.42	13	1.23	22.22	33	Pass
Band2	5	1907.5	QPSK	1	LOW	21.92	26.2	4.28	13	1.23	23.15	33	Pass
Band2	5	1907.5	QPSK	1	MID	21.89	26.51	4.62	13	1.23	23.12	33	Pass
Band2	5	1907.5	QPSK	1	HIGH	21.88	26.61	4.73	13	1.23	23.11	33	Pass
Band2	5	1907.5	16QAM	25	LOW	19.96	27.31	7.35	13	1.23	21.19	33	Pass
Band2	5	1907.5	16QAM	12	LOW	20.07	26.48	6.41	13	1.23	21.3	33	Pass
Band2	5	1907.5	16QAM	12	MID	19.97	26.34	6.37	13	1.23	21.2	33	Pass
Band2	5	1907.5	16QAM	12	HIGH	19.98	26.44	6.46	13	1.23	21.21	33	Pass
Band2	5	1907.5	16QAM	1	LOW	20.77	26.1	5.33	13	1.23	22	33	Pass
Band2	5	1907.5	16QAM	1	MID	20.75	26.37	5.62	13	1.23	21.98	33	Pass
Band2	5	1907.5	16QAM	1	HIGH	20.85	26.71	5.86	13	1.23	22.08	33	Pass
Shenband2	10	1855	QPSK	50	LOW	20.65	26.32	5.67	13	1.23	21.88	33	Pass
Band2	10	1855	QPSK	25	LOW	20.7	25.99	5.29	13	1.23	21.93	33	Pass
Band2	10	1855	QPSK	25	MID	20.7	26	5.3	13	1.23	21.93	33	Pass
Band2	10	1855	QPSK	25	HIGH	20.68	26.3	5.62	13	1.23	21.91	33	Pass
Band2	10	1855	QPSK	1	LOW	21.66	25.48	3.82	13	1.23	22.89	33	Pass
Band2	10	1855	QPSK	1	MID	21.63	25.64	4.01	13	1.23	22.86	33	Pass

Band2	10	1855	QPSK	1	HIGH	21.68	25.96	4.28	13	1.23	22.91	33	Pass
Band2	10	1855	16QAM	50	LOW	19.96	26.61	6.65	13	1.23	21.19	33	Pass
Band2	10	1855	16QAM	25	LOW	19.82	25.86	6.04	13	1.23	21.05	33	Pass
Band2	10	1855	16QAM	25	MID	19.83	25.89	6.06	13	1.23	21.06	33	Pass
Band2	10	1855	16QAM	25	HIGH	19.71	26.15	6.44	13	1.23	20.94	33	Pass
Band2	10	1855	16QAM	1	LOW	20.99	25.72	4.73	13	1.23	22.22	33	Pass
Band2	10	1855	16QAM	1	MID	21.01	25.92	4.91	13	1.23	22.24	33	Pass
Band2	10	1855	16QAM	1	HIGH	21.04	26.31	5.27	13	1.23	22.27	33	Pass
Band2	10	1880	QPSK	50	LOW	20.86	26.64	5.78	13	1.23	22.09	33	Pass
Band2	10	1880	QPSK	25	LOW	20.72	26.14	5.42	13	1.23	21.95	33	Pass
Band2	10	1880	QPSK	25	MID	20.72	26.13	5.41	13	1.23	21.95	33	Pass
Band2	10	1880	QPSK	25	HIGH	20.7	26.21	5.51	13	1.23	21.93	33	Pass
Band2	10	1880	QPSK	1	LOW	21.92	26.03	4.11	13	1.23	23.15	33	Pass
Band2	10	1880	QPSK	1	MID	21.94	25.79	3.85	13	1.23	23.17	33	Pass
Band2	10	1880	QPSK	1	HIGH	21.93	25.98	4.05	13	1.23	23.16	33	Pass
Band2	10	1880	16QAM	50	LOW	19.91	26.3	6.39	13	1.23	21.14	33	Pass
Band2	10	1880	16QAM	25	LOW	19.95	26.31	6.36	13	1.23	21.18	33	Pass
Band2	10	1880	16QAM	25	MID	19.95	26.28	6.33	13	1.23	21.18	33	Pass
Band2	10	1880	16QAM	25	HIGH	20.05	26.37	6.32	13	1.23	21.28	33	Pass
Band2	10	1880	16QAM	1	LOW	21.21	26.32	5.11	13	1.23	22.44	33	Pass
Band2	10	1880	16QAM	1	MID	20.94	25.25	4.31	13	1.23	22.17	33	Pass
Band2	10	1880	16QAM	1	HIGH	20.97	26.09	5.12	13	1.23	22.2	33	Pass
Band2	10	1905	QPSK	50	LOW	20.97	26.73	5.76	13	1.23	22.2	33	Pass
Band2	10	1905	QPSK	25	LOW	21	26.55	5.55	13	1.23	22.23	33	Pass
Band2	10	1905	QPSK	25	MID	21	26.52	5.52	13	1.23	22.23	33	Pass
Band2	10	1905	QPSK	25	HIGH	21.04	26.98	5.94	13	1.23	22.27	33	Pass
Band2	10	1905	QPSK	1	LOW	21.9	25.82	3.92	13	1.23	23.13	33	Pass
Band2	10	1905	QPSK	1	MID	21.88	26.05	4.17	13	1.23	23.11	33	Pass
Band2	10	1905	QPSK	1	HIGH	22.01	26.35	4.34	13	1.23	23.24	33	Pass
Band2	10	1905	16QAM	50	LOW	20.14	27	6.86	13	1.23	21.37	33	Pass
Band2	10	1905	16QAM	25	LOW	20.21	26.39	6.18	13	1.23	21.44	33	Pass
Band2	10	1905	16QAM	25	MID	20.22	26.45	6.23	13	1.23	21.45	33	Pass
Band2	10	1905	16QAM	25	HIGH	20.26	26.89	6.63	13	1.23	21.49	33	Pass
Band2	10	1905	16QAM	1	LOW	20.72	25.36	4.64	13	1.23	21.95	33	Pass
Band2	10	1905	16QAM	1	MID	20.79	25.57	4.78	13	1.23	22.02	33	Pass
Band2	10	1905	16QAM	1	HIGH	20.8	25.82	5.02	13	1.23	22.03	33	Pass
Band2	15	1857.5	QPSK	75	LOW	20.78	27.11	6.33	13	1.23	22.01	33	Pass
Band2	15	1857.5	QPSK	38	LOW	20.81	27.11	6.3	13	1.23	22.04	33	Pass
Band2	15	1857.5	QPSK	38	MID	20.82	27.15	6.33	13	1.23	22.05	33	Pass
Band2	15	1857.5	QPSK	38	HIGH	20.82	27.17	6.35	13	1.23	22.05	33	Pass
Shenzn2	15	1857.5	QPSK	1	LOW	21.75	25.84	4.09	13	1.23	22.98	33	Pass
Band2	15	1857.5	QPSK	1	MID	21.74	25.86	4.12	13	1.23	22.97	33	Pass
Band2	15	1857.5	QPSK	1	HIGH	21.77	26.21	4.44	13	1.23	23	33	Pass
Band2	15	1857.5	16QAM	75	LOW	19.9	26.84	6.94	13	1.23	21.13	33	Pass
Band2	15	1857.5	16QAM	38	LOW	19.89	26.62	6.73	13	1.23	21.12	33	Pass
Band2	15	1857.5	16QAM	38	MID	19.9	26.79	6.89	13	1.23	21.13	33	Pass

Band2	15	1857.5	16QAM	38	HIGH	19.91	26.6	6.69	13	1.23	21.14	33	Pass
Band2	15	1857.5	16QAM	1	LOW	21.33	26.36	5.03	13	1.23	22.56	33	Pass
Band2	15	1857.5	16QAM	1	MID	21.38	26.25	4.87	13	1.23	22.61	33	Pass
Band2	15	1857.5	16QAM	1	HIGH	21.36	26.65	5.29	13	1.23	22.59	33	Pass
Band2	15	1880	QPSK	75	LOW	20.79	26.97	6.18	13	1.23	22.02	33	Pass
Band2	15	1880	QPSK	38	LOW	20.76	27.15	6.39	13	1.23	21.99	33	Pass
Band2	15	1880	QPSK	38	MID	20.77	27.09	6.32	13	1.23	22	33	Pass
Band2	15	1880	QPSK	38	HIGH	20.77	27.12	6.35	13	1.23	22	33	Pass
Band2	15	1880	QPSK	1	LOW	21.85	26.25	4.4	13	1.23	23.08	33	Pass
Band2	15	1880	QPSK	1	MID	21.81	25.79	3.98	13	1.23	23.04	33	Pass
Band2	15	1880	QPSK	1	HIGH	21.84	26.12	4.28	13	1.23	23.07	33	Pass
Band2	15	1880	16QAM	75	LOW	19.92	26.79	6.87	13	1.23	21.15	33	Pass
Band2	15	1880	16QAM	38	LOW	19.81	26.78	6.97	13	1.23	21.04	33	Pass
Band2	15	1880	16QAM	38	MID	19.82	26.8	6.98	13	1.23	21.05	33	Pass
Band2	15	1880	16QAM	38	HIGH	19.83	26.79	6.96	13	1.23	21.06	33	Pass
Band2	15	1880	16QAM	1	LOW	21.58	26.69	5.11	13	1.23	22.81	33	Pass
Band2	15	1880	16QAM	1	MID	21.52	25.83	4.31	13	1.23	22.75	33	Pass
Band2	15	1880	16QAM	1	HIGH	21.59	26.35	4.76	13	1.23	22.82	33	Pass
Band2	15	1902.5	QPSK	75	LOW	20.98	27.15	6.17	13	1.23	22.21	33	Pass
Band2	15	1902.5	QPSK	38	LOW	20.91	27.16	6.25	13	1.23	22.14	33	Pass
Band2	15	1902.5	QPSK	38	MID	20.91	27.15	6.24	13	1.23	22.14	33	Pass
Band2	15	1902.5	QPSK	38	HIGH	20.9	27.12	6.22	13	1.23	22.13	33	Pass
Band2	15	1902.5	QPSK	1	LOW	21.8	26.4	4.6	13	1.23	23.03	33	Pass
Band2	15	1902.5	QPSK	1	MID	21.96	25.81	3.85	13	1.23	23.19	33	Pass
Band2	15	1902.5	QPSK	1	HIGH	21.99	26.37	4.38	13	1.23	23.22	33	Pass
Band2	15	1902.5	16QAM	75	LOW	20.06	26.98	6.92	13	1.23	21.29	33	Pass
Band2	15	1902.5	16QAM	38	LOW	20.17	27.07	6.9	13	1.23	21.4	33	Pass
Band2	15	1902.5	16QAM	38	MID	20.18	26.98	6.8	13	1.23	21.41	33	Pass
Band2	15	1902.5	16QAM	38	HIGH	20.19	27.07	6.88	13	1.23	21.42	33	Pass
Band2	15	1902.5	16QAM	1	LOW	21.52	26.66	5.14	13	1.23	22.75	33	Pass
Band2	15	1902.5	16QAM	1	MID	21.59	25.79	4.2	13	1.23	22.82	33	Pass
Band2	15	1902.5	16QAM	1	HIGH	21.78	27.03	5.25	13	1.23	23.01	33	Pass
Band2	20	1860	QPSK	100	LOW	20.78	26.81	6.03	13	1.23	22.01	33	Pass
Band2	20	1860	QPSK	50	LOW	20.86	26.3	5.44	13	1.23	22.09	33	Pass
Band2	20	1860	QPSK	50	MID	20.87	26.33	5.46	13	1.23	22.1	33	Pass
Band2	20	1860	QPSK	50	HIGH	20.69	26.65	5.96	13	1.23	21.92	33	Pass
Band2	20	1860	QPSK	1	LOW	21.93	26.15	4.22	13	1.23	23.16	33	Pass
Band2	20	1860	QPSK	1	MID	21.83	26.2	4.37	13	1.23	23.06	33	Pass
Band2	20	1860	QPSK	1	HIGH	21.85	26.27	4.42	13	1.23	23.08	33	Pass
Band2	20	1860	16QAM	100	LOW	20.08	27.33	7.25	13	1.23	21.31	33	Pass
Shenzn2	20	1860	16QAM	50	LOW	19.9	26.48	6.58	13	1.23	21.13	33	Pass
Band2	20	1860	16QAM	50	MID	19.84	26.42	6.58	13	1.23	21.07	33	Pass
Band2	20	1860	16QAM	50	HIGH	19.87	26.93	7.06	13	1.23	21.1	33	Pass
Band2	20	1860	16QAM	1	LOW	21.12	26.65	5.53	13	1.23	22.35	33	Pass
Band2	20	1860	16QAM	1	MID	21	26.1	5.1	13	1.23	22.23	33	Pass
Band2	20	1860	16QAM	1	HIGH	20.99	27.02	6.03	13	1.23	22.22	33	Pass

Band2	20	1880	QPSK	100	LOW	20.71	26.96	6.25	13	1.23	21.94	33	Pass
Band2	20	1880	QPSK	50	LOW	20.86	26.45	5.59	13	1.23	22.09	33	Pass
Band2	20	1880	QPSK	50	MID	20.87	26.45	5.58	13	1.23	22.1	33	Pass
Band2	20	1880	QPSK	50	HIGH	20.76	26.37	5.61	13	1.23	21.99	33	Pass
Band2	20	1880	QPSK	1	LOW	22.05	27.1	5.05	13	1.23	23.28	33	Pass
Band2	20	1880	QPSK	1	MID	22.07	25.74	3.67	13	1.23	23.3	33	Pass
Band2	20	1880	QPSK	1	HIGH	22.16	27.13	4.97	13	1.23	23.39	33	Pass
Band2	20	1880	16QAM	100	LOW	19.92	27.01	7.09	13	1.23	21.15	33	Pass
Band2	20	1880	16QAM	50	LOW	19.92	26.35	6.43	13	1.23	21.15	33	Pass
Band2	20	1880	16QAM	50	MID	19.94	26.37	6.43	13	1.23	21.17	33	Pass
Band2	20	1880	16QAM	50	HIGH	19.91	26.54	6.63	13	1.23	21.14	33	Pass
Band2	20	1880	16QAM	1	LOW	20.85	26.27	5.42	13	1.23	22.08	33	Pass
Band2	20	1880	16QAM	1	MID	20.92	25.82	4.9	13	1.23	22.15	33	Pass
Band2	20	1880	16QAM	1	HIGH	20.96	26.35	5.39	13	1.23	22.19	33	Pass
Band2	20	1900	QPSK	100	LOW	21.06	27.17	6.11	13	1.23	22.29	33	Pass
Band2	20	1900	QPSK	50	LOW	20.92	26.54	5.62	13	1.23	22.15	33	Pass
Band2	20	1900	QPSK	50	MID	20.92	26.57	5.65	13	1.23	22.15	33	Pass
Band2	20	1900	QPSK	50	HIGH	21.04	26.64	5.6	13	1.23	22.27	33	Pass
Band2	20	1900	QPSK	1	LOW	21.96	27.16	5.2	13	1.23	23.19	33	Pass
Band2	20	1900	QPSK	1	MID	21.98	25.88	3.9	13	1.23	23.21	33	Pass
Band2	20	1900	QPSK	1	HIGH	22.12	27.03	4.91	13	1.23	23.35	33	Pass
Band2	20	1900	16QAM	100	LOW	20.13	27.1	6.97	13	1.23	21.36	33	Pass
Band2	20	1900	16QAM	50	LOW	20.05	26.69	6.64	13	1.23	21.28	33	Pass
Band2	20	1900	16QAM	50	MID	20.06	26.72	6.66	13	1.23	21.29	33	Pass
Band2	20	1900	16QAM	50	HIGH	20.15	26.75	6.6	13	1.23	21.38	33	Pass
Band2	20	1900	16QAM	1	LOW	21.58	26.93	5.35	13	1.23	22.81	33	Pass
Band2	20	1900	16QAM	1	MID	21.75	25.97	4.22	13	1.23	22.98	33	Pass
Band2	20	1900	16QAM	1	HIGH	21.83	27.3	5.47	13	1.23	23.06	33	Pass
Band4	1.4	1710.7	QPSK	6	LOW	21.11	26.92	5.81	13	0.54	21.65	30	Pass
Band4	1.4	1710.7	QPSK	3	LOW	22.14	26.91	4.77	13	0.54	22.68	30	Pass
Band4	1.4	1710.7	QPSK	3	MID	22.13	26.92	4.79	13	0.54	22.67	30	Pass
Band4	1.4	1710.7	QPSK	3	HIGH	22.12	26.88	4.76	13	0.54	22.66	30	Pass
Band4	1.4	1710.7	QPSK	1	LOW	22.03	26.55	4.52	13	0.54	22.57	30	Pass
Band4	1.4	1710.7	QPSK	1	MID	22.08	26.58	4.5	13	0.54	22.62	30	Pass
Band4	1.4	1710.7	QPSK	1	HIGH	22.05	26.65	4.6	13	0.54	22.59	30	Pass
Band4	1.4	1710.7	16QAM	6	LOW	20.28	26.79	6.51	13	0.54	20.82	30	Pass
Band4	1.4	1710.7	16QAM	3	LOW	21.34	26.33	4.99	13	0.54	21.88	30	Pass
Band4	1.4	1710.7	16QAM	3	MID	21.35	26.3	4.95	13	0.54	21.89	30	Pass
Band4	1.4	1710.7	16QAM	3	HIGH	21.36	26.51	5.15	13	0.54	21.9	30	Pass
Band4	1.4	1710.7	16QAM	1	LOW	22.02	26.08	4.06	13	0.54	22.56	30	Pass
Shenzhen4	1.4	1710.7	16QAM	1	MID	21.89	26.1	4.21	13	0.54	22.43	30	Pass
Band4	1.4	1710.7	16QAM	1	HIGH	21.97	26.18	4.21	13	0.54	22.51	30	Pass
Band4	1.4	1732.5	QPSK	6	LOW	20.83	26.53	5.7	13	0.54	21.37	30	Pass
Band4	1.4	1732.5	QPSK	3	LOW	21.91	27.07	5.16	13	0.54	22.45	30	Pass
Band4	1.4	1732.5	QPSK	3	MID	21.9	27.08	5.18	13	0.54	22.44	30	Pass
Band4	1.4	1732.5	QPSK	3	HIGH	21.97	27.38	5.41	13	0.54	22.51	30	Pass

Band4	1.4	1732.5	QPSK	1	LOW	22.13	27.22	5.09	13	0.54	22.67	30	Pass
Band4	1.4	1732.5	QPSK	1	MID	22.07	27.12	5.05	13	0.54	22.61	30	Pass
Band4	1.4	1732.5	QPSK	1	HIGH	22.03	27.27	5.24	13	0.54	22.57	30	Pass
Band4	1.4	1732.5	16QAM	6	LOW	20.34	27.05	6.71	13	0.54	20.88	30	Pass
Band4	1.4	1732.5	16QAM	3	LOW	21.26	27.22	5.96	13	0.54	21.8	30	Pass
Band4	1.4	1732.5	16QAM	3	MID	21.27	27.16	5.89	13	0.54	21.81	30	Pass
Band4	1.4	1732.5	16QAM	3	HIGH	21.19	27.22	6.03	13	0.54	21.73	30	Pass
Band4	1.4	1732.5	16QAM	1	LOW	21.25	26.2	4.95	13	0.54	21.79	30	Pass
Band4	1.4	1732.5	16QAM	1	MID	21.13	25.89	4.76	13	0.54	21.67	30	Pass
Band4	1.4	1732.5	16QAM	1	HIGH	21.2	25.95	4.75	13	0.54	21.74	30	Pass
Band4	1.4	1754.3	QPSK	6	LOW	20.75	25.8	5.05	13	0.54	21.29	30	Pass
Band4	1.4	1754.3	QPSK	3	LOW	22.05	25.82	3.77	13	0.54	22.59	30	Pass
Band4	1.4	1754.3	QPSK	3	MID	22.04	25.83	3.79	13	0.54	22.58	30	Pass
Band4	1.4	1754.3	QPSK	3	HIGH	22	25.78	3.78	13	0.54	22.54	30	Pass
Band4	1.4	1754.3	QPSK	1	LOW	22.11	25.29	3.18	13	0.54	22.65	30	Pass
Band4	1.4	1754.3	QPSK	1	MID	22.14	25.31	3.17	13	0.54	22.68	30	Pass
Band4	1.4	1754.3	QPSK	1	HIGH	22.15	25.29	3.14	13	0.54	22.69	30	Pass
Band4	1.4	1754.3	16QAM	6	LOW	20.35	26.12	5.77	13	0.54	20.89	30	Pass
Band4	1.4	1754.3	16QAM	3	LOW	20.93	25.76	4.83	13	0.54	21.47	30	Pass
Band4	1.4	1754.3	16QAM	3	MID	20.94	25.75	4.81	13	0.54	21.48	30	Pass
Band4	1.4	1754.3	16QAM	3	HIGH	20.86	25.52	4.66	13	0.54	21.4	30	Pass
Band4	1.4	1754.3	16QAM	1	LOW	21.18	25.13	3.95	13	0.54	21.72	30	Pass
Band4	1.4	1754.3	16QAM	1	MID	21.21	25.1	3.89	13	0.54	21.75	30	Pass
Band4	1.4	1754.3	16QAM	1	HIGH	21.21	25.1	3.89	13	0.54	21.75	30	Pass
Band4	3	1711.5	QPSK	15	LOW	21.12	27.13	6.01	13	0.54	21.66	30	Pass
Band4	3	1711.5	QPSK	8	LOW	21.09	26.43	5.34	13	0.54	21.63	30	Pass
Band4	3	1711.5	QPSK	8	MID	21.1	26.51	5.41	13	0.54	21.64	30	Pass
Band4	3	1711.5	QPSK	8	HIGH	21.1	26.62	5.52	13	0.54	21.64	30	Pass
Band4	3	1711.5	QPSK	1	LOW	22.01	25.84	3.83	13	0.54	22.55	30	Pass
Band4	3	1711.5	QPSK	1	MID	22.01	26.31	4.3	13	0.54	22.55	30	Pass
Band4	3	1711.5	QPSK	1	HIGH	21.97	26.38	4.41	13	0.54	22.51	30	Pass
Band4	3	1711.5	16QAM	15	LOW	20.18	26.45	6.27	13	0.54	20.72	30	Pass
Band4	3	1711.5	16QAM	8	LOW	20.61	26.46	5.85	13	0.54	21.15	30	Pass
Band4	3	1711.5	16QAM	8	MID	20.62	26.59	5.97	13	0.54	21.16	30	Pass
Band4	3	1711.5	16QAM	8	HIGH	20.65	26.62	5.97	13	0.54	21.19	30	Pass
Band4	3	1711.5	16QAM	1	LOW	21.64	26.27	4.63	13	0.54	22.18	30	Pass
Band4	3	1711.5	16QAM	1	MID	21.59	26.29	4.7	13	0.54	22.13	30	Pass
Band4	3	1711.5	16QAM	1	HIGH	21.68	26.38	4.7	13	0.54	22.22	30	Pass
Band4	3	1732.5	QPSK	15	LOW	20.95	26.83	5.88	13	0.54	21.49	30	Pass
Band4	3	1732.5	QPSK	8	LOW	20.83	26.81	5.98	13	0.54	21.37	30	Pass
Shenband4	3	1732.5	QPSK	8	MID	20.83	26.89	6.06	13	0.54	21.37	30	Pass
Band4	3	1732.5	QPSK	8	HIGH	20.85	26.85	6	13	0.54	21.39	30	Pass
Band4	3	1732.5	QPSK	1	LOW	21.94	26.85	4.91	13	0.54	22.48	30	Pass
Band4	3	1732.5	QPSK	1	MID	21.97	27.09	5.12	13	0.54	22.51	30	Pass
Band4	3	1732.5	QPSK	1	HIGH	21.92	27.05	5.13	13	0.54	22.46	30	Pass
Band4	3	1732.5	16QAM	15	LOW	20.03	27.36	7.33	13	0.54	20.57	30	Pass

Band4	3	1732.5	16QAM	8	LOW	20.08	26.72	6.64	13	0.54	20.62	30	Pass
Band4	3	1732.5	16QAM	8	MID	20.1	26.72	6.62	13	0.54	20.64	30	Pass
Band4	3	1732.5	16QAM	8	HIGH	20.15	26.69	6.54	13	0.54	20.69	30	Pass
Band4	3	1732.5	16QAM	1	LOW	21.74	27.08	5.34	13	0.54	22.28	30	Pass
Band4	3	1732.5	16QAM	1	MID	21.73	27.01	5.28	13	0.54	22.27	30	Pass
Band4	3	1732.5	16QAM	1	HIGH	21.76	26.53	4.77	13	0.54	22.3	30	Pass
Band4	3	1753.5	QPSK	15	LOW	20.72	26.62	5.9	13	0.54	21.26	30	Pass
Band4	3	1753.5	QPSK	8	LOW	20.91	26.16	5.25	13	0.54	21.45	30	Pass
Band4	3	1753.5	QPSK	8	MID	20.92	26.23	5.31	13	0.54	21.46	30	Pass
Band4	3	1753.5	QPSK	8	HIGH	20.92	26.26	5.34	13	0.54	21.46	30	Pass
Band4	3	1753.5	QPSK	1	LOW	22.15	25.47	3.32	13	0.54	22.69	30	Pass
Band4	3	1753.5	QPSK	1	MID	22.12	25.36	3.24	13	0.54	22.66	30	Pass
Band4	3	1753.5	QPSK	1	HIGH	22.21	25.3	3.09	13	0.54	22.75	30	Pass
Band4	3	1753.5	16QAM	15	LOW	20.12	26.48	6.36	13	0.54	20.66	30	Pass
Band4	3	1753.5	16QAM	8	LOW	20.16	25.67	5.51	13	0.54	20.7	30	Pass
Band4	3	1753.5	16QAM	8	MID	20.17	25.62	5.45	13	0.54	20.71	30	Pass
Band4	3	1753.5	16QAM	8	HIGH	20.23	25.61	5.38	13	0.54	20.77	30	Pass
Band4	3	1753.5	16QAM	1	LOW	21.2	25.26	4.06	13	0.54	21.74	30	Pass
Band4	3	1753.5	16QAM	1	MID	21.19	25.16	3.97	13	0.54	21.73	30	Pass
Band4	3	1753.5	16QAM	1	HIGH	21.18	25.1	3.92	13	0.54	21.72	30	Pass
Band4	5	1712.5	QPSK	25	LOW	21.06	26.85	5.79	13	0.54	21.6	30	Pass
Band4	5	1712.5	QPSK	12	LOW	21.07	26.31	5.24	13	0.54	21.61	30	Pass
Band4	5	1712.5	QPSK	12	MID	21.06	26.36	5.3	13	0.54	21.6	30	Pass
Band4	5	1712.5	QPSK	12	HIGH	21.07	26.25	5.18	13	0.54	21.61	30	Pass
Band4	5	1712.5	QPSK	1	LOW	22.08	26.6	4.52	13	0.54	22.62	30	Pass
Band4	5	1712.5	QPSK	1	MID	22.1	26.85	4.75	13	0.54	22.64	30	Pass
Band4	5	1712.5	QPSK	1	HIGH	22.03	27	4.97	13	0.54	22.57	30	Pass
Band4	5	1712.5	16QAM	25	LOW	20.15	27.16	7.01	13	0.54	20.69	30	Pass
Band4	5	1712.5	16QAM	12	LOW	20.34	26.65	6.31	13	0.54	20.88	30	Pass
Band4	5	1712.5	16QAM	12	MID	20.35	26.59	6.24	13	0.54	20.89	30	Pass
Band4	5	1712.5	16QAM	12	HIGH	20.2	26.73	6.53	13	0.54	20.74	30	Pass
Band4	5	1712.5	16QAM	1	LOW	20.6	25.63	5.03	13	0.54	21.14	30	Pass
Band4	5	1712.5	16QAM	1	MID	20.61	25.73	5.12	13	0.54	21.15	30	Pass
Band4	5	1712.5	16QAM	1	HIGH	20.59	26.22	5.63	13	0.54	21.13	30	Pass
Band4	5	1732.5	QPSK	25	LOW	20.86	26.89	6.03	13	0.54	21.4	30	Pass
Band4	5	1732.5	QPSK	12	LOW	20.86	27.19	6.33	13	0.54	21.4	30	Pass
Band4	5	1732.5	QPSK	12	MID	20.85	27.28	6.43	13	0.54	21.39	30	Pass
Band4	5	1732.5	QPSK	12	HIGH	20.8	27.1	6.3	13	0.54	21.34	30	Pass
Band4	5	1732.5	QPSK	1	LOW	21.96	27.5	5.54	13	0.54	22.5	30	Pass
Band4	5	1732.5	QPSK	1	MID	22.52	27.34	4.82	13	0.54	23.06	30	Pass
Shenzhen4	5	1732.5	QPSK	1	HIGH	22.03	27.04	5.01	13	0.54	22.57	30	Pass
Band4	5	1732.5	16QAM	25	LOW	19.98	28.16	8.18	13	0.54	20.52	30	Pass
Band4	5	1732.5	16QAM	12	LOW	20.04	26.89	6.85	13	0.54	20.58	30	Pass
Band4	5	1732.5	16QAM	12	MID	20.04	26.79	6.75	13	0.54	20.58	30	Pass
Band4	5	1732.5	16QAM	12	HIGH	20.07	26.83	6.76	13	0.54	20.61	30	Pass
Band4	5	1732.5	16QAM	1	LOW	21.18	26.69	5.51	13	0.54	21.72	30	Pass

Band4	5	1732.5	16QAM	1	MID	21.2	26.62	5.42	13	0.54	21.74	30	Pass
Band4	5	1732.5	16QAM	1	HIGH	21.24	26.57	5.33	13	0.54	21.78	30	Pass
Band4	5	1752.5	QPSK	25	LOW	20.76	26.16	5.4	13	0.54	21.3	30	Pass
Band4	5	1752.5	QPSK	12	LOW	20.95	26.1	5.15	13	0.54	21.49	30	Pass
Band4	5	1752.5	QPSK	12	MID	20.95	25.98	5.03	13	0.54	21.49	30	Pass
Band4	5	1752.5	QPSK	12	HIGH	20.96	26	5.04	13	0.54	21.5	30	Pass
Band4	5	1752.5	QPSK	1	LOW	21.84	25.65	3.81	13	0.54	22.38	30	Pass
Band4	5	1752.5	QPSK	1	MID	21.82	25.5	3.68	13	0.54	22.36	30	Pass
Band4	5	1752.5	QPSK	1	HIGH	21.82	25.4	3.58	13	0.54	22.36	30	Pass
Band4	5	1752.5	16QAM	25	LOW	19.9	26.67	6.77	13	0.54	20.44	30	Pass
Band4	5	1752.5	16QAM	12	LOW	20.05	25.76	5.71	13	0.54	20.59	30	Pass
Band4	5	1752.5	16QAM	12	MID	20.04	26.04	6	13	0.54	20.58	30	Pass
Band4	5	1752.5	16QAM	12	HIGH	19.87	25.6	5.73	13	0.54	20.41	30	Pass
Band4	5	1752.5	16QAM	1	LOW	20.62	25.51	4.89	13	0.54	21.16	30	Pass
Band4	5	1752.5	16QAM	1	MID	20.59	25.36	4.77	13	0.54	21.13	30	Pass
Band4	5	1752.5	16QAM	1	HIGH	20.55	25.63	5.08	13	0.54	21.09	30	Pass
Band4	10	1715	QPSK	50	LOW	21.04	27	5.96	13	0.54	21.58	30	Pass
Band4	10	1715	QPSK	25	LOW	21.09	26.52	5.43	13	0.54	21.63	30	Pass
Band4	10	1715	QPSK	25	MID	21.1	26.55	5.45	13	0.54	21.64	30	Pass
Band4	10	1715	QPSK	25	HIGH	21	26.72	5.72	13	0.54	21.54	30	Pass
Band4	10	1715	QPSK	1	LOW	21.9	25.97	4.07	13	0.54	22.44	30	Pass
Band4	10	1715	QPSK	1	MID	21.94	26.5	4.56	13	0.54	22.48	30	Pass
Band4	10	1715	QPSK	1	HIGH	21.9	26.72	4.82	13	0.54	22.44	30	Pass
Band4	10	1715	16QAM	50	LOW	20.17	27.54	7.37	13	0.54	20.71	30	Pass
Band4	10	1715	16QAM	25	LOW	20.21	26.79	6.58	13	0.54	20.75	30	Pass
Band4	10	1715	16QAM	25	MID	20.24	26.57	6.33	13	0.54	20.78	30	Pass
Band4	10	1715	16QAM	25	HIGH	20.18	26.71	6.53	13	0.54	20.72	30	Pass
Band4	10	1715	16QAM	1	LOW	21.42	26.26	4.84	13	0.54	21.96	30	Pass
Band4	10	1715	16QAM	1	MID	21.54	26.89	5.35	13	0.54	22.08	30	Pass
Band4	10	1715	16QAM	1	HIGH	21.42	26.78	5.36	13	0.54	21.96	30	Pass
Band4	10	1732.5	QPSK	50	LOW	20.83	27.11	6.28	13	0.54	21.37	30	Pass
Band4	10	1732.5	QPSK	25	LOW	20.93	27.04	6.11	13	0.54	21.47	30	Pass
Band4	10	1732.5	QPSK	25	MID	20.93	27.04	6.11	13	0.54	21.47	30	Pass
Band4	10	1732.5	QPSK	25	HIGH	20.78	26.88	6.1	13	0.54	21.32	30	Pass
Band4	10	1732.5	QPSK	1	LOW	22.14	27.21	5.07	13	0.54	22.68	30	Pass
Band4	10	1732.5	QPSK	1	MID	22.08	27.14	5.06	13	0.54	22.62	30	Pass
Band4	10	1732.5	QPSK	1	HIGH	22.09	27.02	4.93	13	0.54	22.63	30	Pass
Band4	10	1732.5	16QAM	50	LOW	20.03	27.36	7.33	13	0.54	20.57	30	Pass
Band4	10	1732.5	16QAM	25	LOW	20.37	27.63	7.26	13	0.54	20.91	30	Pass
Band4	10	1732.5	16QAM	25	MID	20.24	27.63	7.39	13	0.54	20.78	30	Pass
Shenzhen4	10	1732.5	16QAM	25	HIGH	20.22	27.51	7.29	13	0.54	20.76	30	Pass
Band4	10	1732.5	16QAM	1	LOW	21.23	26.94	5.71	13	0.54	21.77	30	Pass
Band4	10	1732.5	16QAM	1	MID	21.13	25.94	4.81	13	0.54	21.67	30	Pass
Band4	10	1732.5	16QAM	1	HIGH	21.16	26.65	5.49	13	0.54	21.7	30	Pass
Band4	10	1750	QPSK	50	LOW	20.73	26.04	5.31	13	0.54	21.27	30	Pass
Band4	10	1750	QPSK	25	LOW	20.94	26.73	5.79	13	0.54	21.48	30	Pass

Band4	10	1750	QPSK	25	MID	20.94	26.74	5.8	13	0.54	21.48	30	Pass
Band4	10	1750	QPSK	25	HIGH	20.94	26.37	5.43	13	0.54	21.48	30	Pass
Band4	10	1750	QPSK	1	LOW	22.13	26.07	3.94	13	0.54	22.67	30	Pass
Band4	10	1750	QPSK	1	MID	22.07	26.07	4	13	0.54	22.61	30	Pass
Band4	10	1750	QPSK	1	HIGH	22.21	26	3.79	13	0.54	22.75	30	Pass
Band4	10	1750	16QAM	50	LOW	20.01	26.8	6.79	13	0.54	20.55	30	Pass
Band4	10	1750	16QAM	25	LOW	20.01	26.16	6.15	13	0.54	20.55	30	Pass
Band4	10	1750	16QAM	25	MID	20.02	26.18	6.16	13	0.54	20.56	30	Pass
Band4	10	1750	16QAM	25	HIGH	20.08	25.93	5.85	13	0.54	20.62	30	Pass
Band4	10	1750	16QAM	1	LOW	20.78	25.39	4.61	13	0.54	21.32	30	Pass
Band4	10	1750	16QAM	1	MID	20.69	25.16	4.47	13	0.54	21.23	30	Pass
Band4	10	1750	16QAM	1	HIGH	20.7	25.26	4.56	13	0.54	21.24	30	Pass
Band4	15	1717.5	QPSK	75	LOW	21.1	27.68	6.58	13	0.54	21.64	30	Pass
Band4	15	1717.5	QPSK	38	LOW	20.93	27.75	6.82	13	0.54	21.47	30	Pass
Band4	15	1717.5	QPSK	38	MID	20.93	27.74	6.81	13	0.54	21.47	30	Pass
Band4	15	1717.5	QPSK	38	HIGH	20.93	27.69	6.76	13	0.54	21.47	30	Pass
Band4	15	1717.5	QPSK	1	LOW	21.92	26.34	4.42	13	0.54	22.46	30	Pass
Band4	15	1717.5	QPSK	1	MID	21.88	26.57	4.69	13	0.54	22.42	30	Pass
Band4	15	1717.5	QPSK	1	HIGH	21.92	26.89	4.97	13	0.54	22.46	30	Pass
Band4	15	1717.5	16QAM	75	LOW	20.15	27.41	7.26	13	0.54	20.69	30	Pass
Band4	15	1717.5	16QAM	38	LOW	20.31	27.54	7.23	13	0.54	20.85	30	Pass
Band4	15	1717.5	16QAM	38	MID	20.18	27.44	7.26	13	0.54	20.72	30	Pass
Band4	15	1717.5	16QAM	38	HIGH	20.19	27.38	7.19	13	0.54	20.73	30	Pass
Band4	15	1717.5	16QAM	1	LOW	21.45	26.78	5.33	13	0.54	21.99	30	Pass
Band4	15	1717.5	16QAM	1	MID	21.41	26.65	5.24	13	0.54	21.95	30	Pass
Band4	15	1717.5	16QAM	1	HIGH	21.43	27.09	5.66	13	0.54	21.97	30	Pass
Band4	15	1732.5	QPSK	75	LOW	20.89	27.55	6.66	13	0.54	21.43	30	Pass
Band4	15	1732.5	QPSK	38	LOW	20.79	27.57	6.78	13	0.54	21.33	30	Pass
Band4	15	1732.5	QPSK	38	MID	20.79	27.47	6.68	13	0.54	21.33	30	Pass
Band4	15	1732.5	QPSK	38	HIGH	20.79	27.52	6.73	13	0.54	21.33	30	Pass
Band4	15	1732.5	QPSK	1	LOW	22.07	27.24	5.17	13	0.54	22.61	30	Pass
Band4	15	1732.5	QPSK	1	MID	22.02	27.14	5.12	13	0.54	22.56	30	Pass
Band4	15	1732.5	QPSK	1	HIGH	22.1	26.86	4.76	13	0.54	22.64	30	Pass
Band4	15	1732.5	16QAM	75	LOW	20.04	27.52	7.48	13	0.54	20.58	30	Pass
Band4	15	1732.5	16QAM	38	LOW	20.13	27.64	7.51	13	0.54	20.67	30	Pass
Band4	15	1732.5	16QAM	38	MID	20.14	27.5	7.36	13	0.54	20.68	30	Pass
Band4	15	1732.5	16QAM	38	HIGH	20.02	27.49	7.47	13	0.54	20.56	30	Pass
Band4	15	1732.5	16QAM	1	LOW	21.29	27.32	6.03	13	0.54	21.83	30	Pass
Band4	15	1732.5	16QAM	1	MID	22.12	26.87	4.75	13	0.54	22.66	30	Pass
Band4	15	1732.5	16QAM	1	HIGH	22.03	27.08	5.05	13	0.54	22.57	30	Pass
Shenzh4	15	1747.5	QPSK	75	LOW	21.65	27.68	6.03	13	0.54	22.19	30	Pass
Band4	15	1747.5	QPSK	38	LOW	21.81	28.06	6.25	13	0.54	22.35	30	Pass
Band4	15	1747.5	QPSK	38	MID	21.82	27.99	6.17	13	0.54	22.36	30	Pass
Band4	15	1747.5	QPSK	38	HIGH	21.82	28.06	6.24	13	0.54	22.36	30	Pass
Band4	15	1747.5	QPSK	1	LOW	22.87	27.6	4.73	13	0.54	23.41	30	Pass
Band4	15	1747.5	QPSK	1	MID	22.92	26.96	4.04	13	0.54	23.46	30	Pass

Band4	15	1747.5	QPSK	1	HIGH	23	26.88	3.88	13	0.54	23.54	30	Pass
Band4	15	1747.5	16QAM	75	LOW	20.81	27.6	6.79	13	0.54	21.35	30	Pass
Band4	15	1747.5	16QAM	38	LOW	20.84	27.58	6.74	13	0.54	21.38	30	Pass
Band4	15	1747.5	16QAM	38	MID	20.86	27.59	6.73	13	0.54	21.4	30	Pass
Band4	15	1747.5	16QAM	38	HIGH	20.76	27.56	6.8	13	0.54	21.3	30	Pass
Band4	15	1747.5	16QAM	1	LOW	22.28	27.52	5.24	13	0.54	22.82	30	Pass
Band4	15	1747.5	16QAM	1	MID	22.36	26.53	4.17	13	0.54	22.9	30	Pass
Band4	15	1747.5	16QAM	1	HIGH	22.25	27.09	4.84	13	0.54	22.79	30	Pass
Band4	20	1720	QPSK	100	LOW	21.89	28.17	6.28	13	0.54	22.43	30	Pass
Band4	20	1720	QPSK	50	LOW	21.83	27.87	6.04	13	0.54	22.37	30	Pass
Band4	20	1720	QPSK	50	MID	21.83	27.88	6.05	13	0.54	22.37	30	Pass
Band4	20	1720	QPSK	50	HIGH	21.73	28.22	6.49	13	0.54	22.27	30	Pass
Band4	20	1720	QPSK	1	LOW	23.1	27.35	4.25	13	0.54	23.64	30	Pass
Band4	20	1720	QPSK	1	MID	22.98	27.43	4.45	13	0.54	23.52	30	Pass
Band4	20	1720	QPSK	1	HIGH	22.85	28.18	5.33	13	0.54	23.39	30	Pass
Band4	20	1720	16QAM	100	LOW	20.87	28.71	7.84	13	0.54	21.41	30	Pass
Band4	20	1720	16QAM	50	LOW	21.03	27.96	6.93	13	0.54	21.57	30	Pass
Band4	20	1720	16QAM	50	MID	21.04	28	6.96	13	0.54	21.58	30	Pass
Band4	20	1720	16QAM	50	HIGH	21.03	28.46	7.43	13	0.54	21.57	30	Pass
Band4	20	1720	16QAM	1	LOW	22.09	27.96	5.87	13	0.54	22.63	30	Pass
Band4	20	1720	16QAM	1	MID	22.18	27.43	5.25	13	0.54	22.72	30	Pass
Band4	20	1720	16QAM	1	HIGH	21.93	28.31	6.38	13	0.54	22.47	30	Pass
Band4	20	1732.5	QPSK	100	LOW	21.87	28.35	6.48	13	0.54	22.41	30	Pass
Band4	20	1732.5	QPSK	50	LOW	21.64	28.16	6.52	13	0.54	22.18	30	Pass
Band4	20	1732.5	QPSK	50	MID	21.76	28.28	6.52	13	0.54	22.3	30	Pass
Band4	20	1732.5	QPSK	50	HIGH	21.8	28.11	6.31	13	0.54	22.34	30	Pass
Band4	20	1732.5	QPSK	1	LOW	22.99	28.79	5.8	13	0.54	23.53	30	Pass
Band4	20	1732.5	QPSK	1	MID	23.01	27.95	4.94	13	0.54	23.55	30	Pass
Band4	20	1732.5	QPSK	1	HIGH	23.09	28.49	5.4	13	0.54	23.63	30	Pass
Band4	20	1732.5	16QAM	100	LOW	20.72	28.33	7.61	13	0.54	21.26	30	Pass
Band4	20	1732.5	16QAM	50	LOW	21.03	28.25	7.22	13	0.54	21.57	30	Pass
Band4	20	1732.5	16QAM	50	MID	21.03	28.22	7.19	13	0.54	21.57	30	Pass
Band4	20	1732.5	16QAM	50	HIGH	20.8	27.93	7.13	13	0.54	21.34	30	Pass
Band4	20	1732.5	16QAM	1	LOW	22.14	27.91	5.77	13	0.54	22.68	30	Pass
Band4	20	1732.5	16QAM	1	MID	22.09	28	5.91	13	0.54	22.63	30	Pass
Band4	20	1732.5	16QAM	1	HIGH	21.91	27.44	5.53	13	0.54	22.45	30	Pass
Band4	20	1745	QPSK	100	LOW	21.67	27.89	6.22	13	0.54	22.21	30	Pass
Band4	20	1745	QPSK	50	LOW	21.68	27.71	6.03	13	0.54	22.22	30	Pass
Band4	20	1745	QPSK	50	MID	21.67	27.71	6.04	13	0.54	22.21	30	Pass
Band4	20	1745	QPSK	50	HIGH	21.65	27.15	5.5	13	0.54	22.19	30	Pass
Shenzhen4	20	1745	QPSK	1	LOW	22.83	28.22	5.39	13	0.54	23.37	30	Pass	E5
Band4	20	1745	QPSK	1	MID	22.87	27.01	4.14	13	0.54	23.41	30	Pass
Band4	20	1745	QPSK	1	HIGH	22.81	27.04	4.23	13	0.54	23.35	30	Pass
Band4	20	1745	16QAM	100	LOW	20.9	27.91	7.01	13	0.54	21.44	30	Pass
Band4	20	1745	16QAM	50	LOW	20.85	27.78	6.93	13	0.54	21.39	30	Pass
Band4	20	1745	16QAM	50	MID	20.72	27.84	7.12	13	0.54	21.26	30	Pass

Band4	20	1745	16QAM	50	HIGH	20.79	27.2	6.41	13	0.54	21.33	30	Pass
Band4	20	1745	16QAM	1	LOW	22.64	28.09	5.45	13	0.54	23.18	30	Pass
Band4	20	1745	16QAM	1	MID	22.5	27.02	4.52	13	0.54	23.04	30	Pass
Band4	20	1745	16QAM	1	HIGH	22.52	27.79	5.27	13	0.54	23.06	30	Pass

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